

Data File : VX003389.D
Acq On : 16 Jul 2018 10:27
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Jul 17 01:28:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	376078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	536045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	492319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	269097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	8606	1.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.50%	
35) Dibromofluoromethane	5.51	113	6891	1.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.18%	
50) Toluene-d8	8.72	98	19933	1.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.50%	
62) 4-Bromofluorobenzene	11.14	95	5579	0.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.96%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	4202	0.990 ug/l	98
3) Chloromethane	1.32	50	5534	1.205 ug/l	98
4) Vinyl Chloride	1.40	62	5487	1.096 ug/l	100
5) Bromomethane	1.64	94	4874	Below Cal	96
6) Chloroethane	1.72	64	4059	Below Cal	100
7) Trichlorofluoromethane	1.93	101	7465	1.124 ug/l	97
8) Diethyl Ether	2.19	74	3250	1.144 ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4756	1.134 ug/l	96
10) Methyl Iodide	2.51	142	3706	0.826 ug/l	96
11) Tert butyl alcohol	3.07	59	5833	5.266 ug/l #	90
12) 1,1-Dichloroethene	2.37	96	4341	1.095 ug/l	81
13) Acrolein	2.29	56	3081	5.799 ug/l	99
14) Allyl chloride	2.73	41	7801	1.085 ug/l #	88
15) Acrylonitrile	3.15	53	13337	5.256 ug/l	99
16) Acetone	2.45	43	11384	5.557 ug/l	98
17) Carbon Disulfide	2.57	76	12733	1.171 ug/l	95
18) Methyl Acetate	2.78	43	6320	0.947 ug/l #	84
19) Methyl tert-butyl Ether	3.21	73	14236	1.082 ug/l	100
20) Methylene Chloride	2.86	84	6020	Below Cal	92
21) trans-1,2-Dichloroethene	3.17	96	5011	1.170 ug/l	89
22) Diisopropyl ether	3.88	45	16143	1.157 ug/l	96
23) Vinyl Acetate	3.82	43	62786	5.458 ug/l	96
24) 1,1-Dichloroethane	3.69	63	8637	1.091 ug/l	99
25) 2-Butanone	4.71	43	16267	5.074 ug/l	99
26) 2,2-Dichloropropane	4.58	77	6435	1.159 ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	4946	1.074 ug/l #	12
28) Bromochloromethane	5.01	49	3754	1.093 ug/l	90
29) Tetrahydrofuran	5.17	42	10381	5.106 ug/l	95
30) Chloroform	5.21	83	7828	1.074 ug/l	99
31) Cyclohexane	5.57	56	6352	1.039 ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	6266	1.010 ug/l #	51
36) 1,1-Dichloropropene	5.80	75	5996	1.105 ug/l	96
37) Ethyl Acetate	4.86	43	6570	1.074 ug/l #	89
38) Carbon Tetrachloride	5.78	117	5776	1.046 ug/l	91

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MSVOA_X
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VSTDIC001

Quant Time: Jul 17 01:28:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 13:15:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6675	1.074	ug/l	96
40) Benzene	6.14	78	17331	1.049	ug/l	99
41) Methacrylonitrile	5.07	41	3538	1.052	ug/l	94
42) 1,2-Dichloroethane	6.20	62	6247	1.103	ug/l	94
43) Isopropyl Acetate	6.48	43	9330	1.011	ug/l	98
44) Trichloroethene	7.21	130	5138	1.074	ug/l	91
45) 1,2-Dichloropropane	7.52	63	4678	1.089	ug/l	95
46) Dibromomethane	7.67	93	3203	1.120	ug/l	97
47) Bromodichloromethane	7.90	83	5278	1.008	ug/l #	96
48) Methyl methacrylate	7.78	41	4623	0.982	ug/l	95
49) 1,4-Dioxane	7.76	88	2054	19.047	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	27240	4.482	ug/l	93
52) Toluene	8.79	92	10221	0.988	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	5680	0.918	ug/l	94
54) cis-1,3-Dichloropropene	9.04	75	4999	0.886	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	4406	1.020	ug/l	97
56) Ethyl methacrylate	9.18	69	5332	0.872	ug/l	91
57) 1,3-Dichloropropane	9.38	76	6912	0.996	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	13490	4.398	ug/l	98
59) 2-Hexanone	9.50	43	20456	4.381	ug/l	99
60) Dibromochloromethane	9.59	129	3940	0.918	ug/l	97
61) 1,2-Dibromoethane	9.68	107	4404	0.989	ug/l	96
64) Tetrachloroethene	9.34	164	5456	1.059	ug/l	94
65) Chlorobenzene	10.14	112	12402	1.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	4056	0.981	ug/l #	67
67) Ethyl Benzene	10.26	91	19277	1.014	ug/l	100
68) m/p-Xylenes	10.36	106	13934	1.895	ug/l	95
69) o-Xylene	10.70	106	6441	0.912	ug/l	98
70) Styrene	10.71	104	10084	0.868	ug/l	100
71) Bromoform	10.86	173	3025	0.910	ug/l #	98
73) Isopropylbenzene	11.02	105	16491	0.957	ug/l	100
74) N-amyl acetate	6.48	43	9330	1.126	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	5886	1.035	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	6656	1.366	ug/l	86
77) Bromobenzene	11.26	156	5098	1.042	ug/l	100
78) n-propylbenzene	11.36	91	18253	0.948	ug/l	99
79) 2-Chlorotoluene	11.43	91	11909	1.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	12515	0.889	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	1235	0.824	ug/l #	79
82) 4-Chlorotoluene	11.51	91	13821	1.004	ug/l	99
83) tert-Butylbenzene	11.77	119	12575	0.914	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	13213	0.914	ug/l	98
85) sec-Butylbenzene	11.95	105	15479	0.928	ug/l	99
86) p-Isopropyltoluene	12.07	119	13125	0.884	ug/l	91
87) 1,3-Dichlorobenzene	12.03	146	9783	1.092	ug/l	96
88) 1,4-Dichlorobenzene	12.03	146	9783	1.076	ug/l	96
89) n-Butylbenzene	12.39	91	12247	0.968	ug/l	98
90) Hexachloroethane	12.60	117	2228	0.990	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	9611	1.068	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1093	0.924	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071618\
Quantitation Report (Not Reviewed)

Data File : VX003389.D
Acq On : 16 Jul 2018 10:27
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
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ClientSampleId :
VSTDICC001

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	6295	1.023	ug/l	98
94) Hexachlorobutadiene	13.79	225	3214	1.085	ug/l	96
95) Naphthalene	13.84	128	15017	0.851	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	6278	0.992	ug/l	98

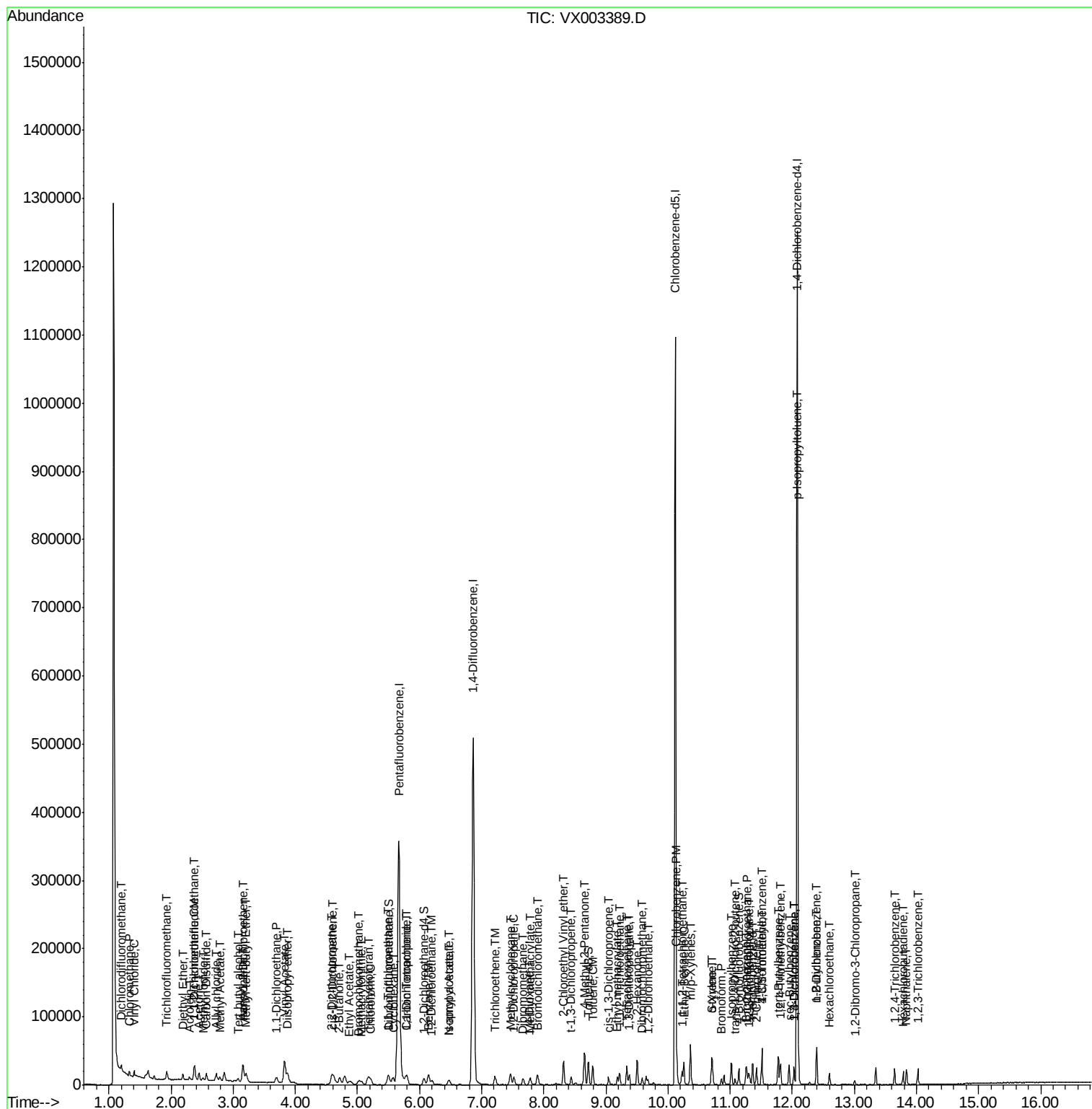
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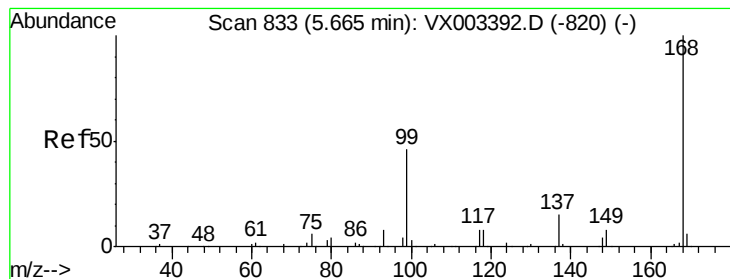
Data File : VX003389.D

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Acq On       : 16 Jul 2018   10:27
Operator     : JC/MD
Sample       : VSTDIC001
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jul 17 01:28:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

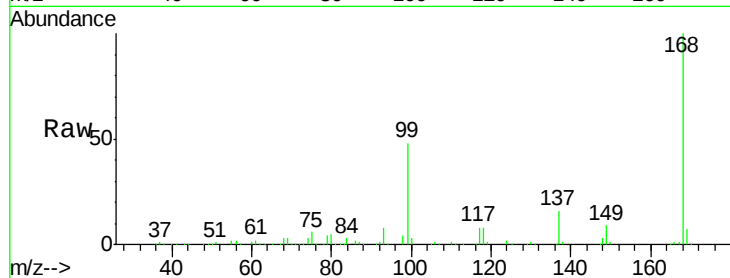
VSTDIC001

Tgt Ion:168 Resp: 376078

Ion Ratio Lower Upper

168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

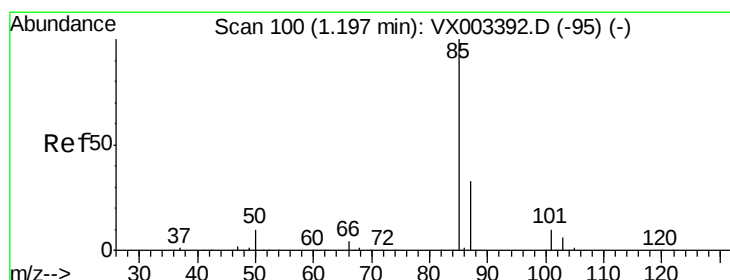
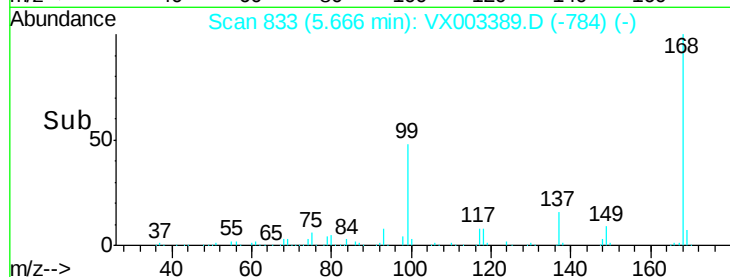
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.990 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003389.D

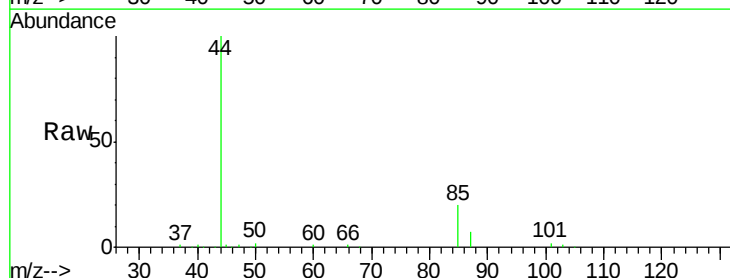
Acq: 16 Jul 2018 10:27

Tgt Ion: 85 Resp: 4202

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

5000

4000

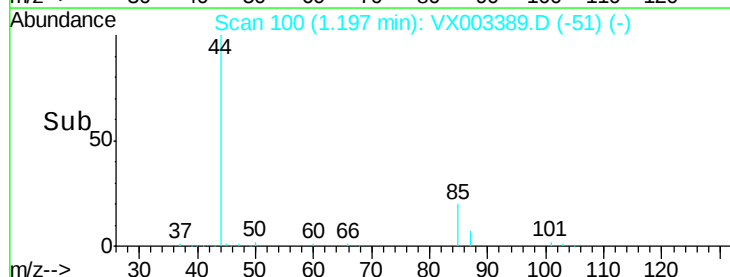
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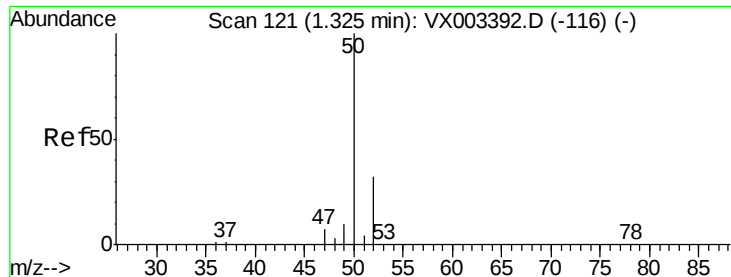
2000

1000

0

Time-->





#3

Chloromethane

Concen: 1.205 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

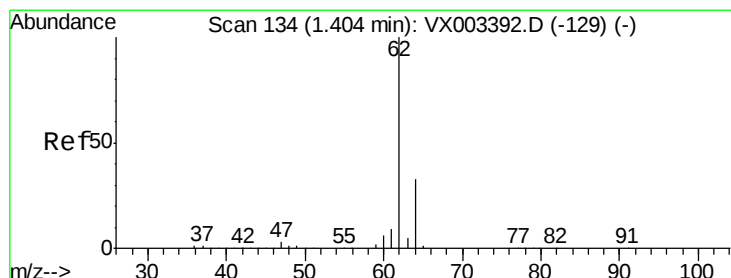
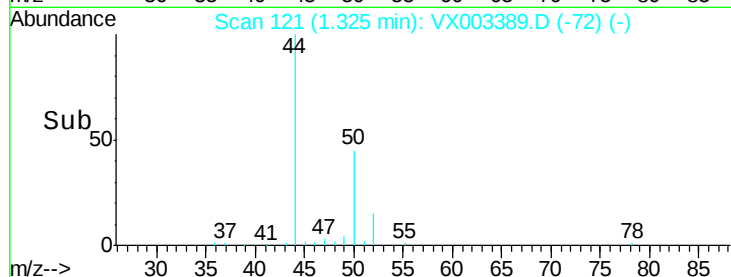
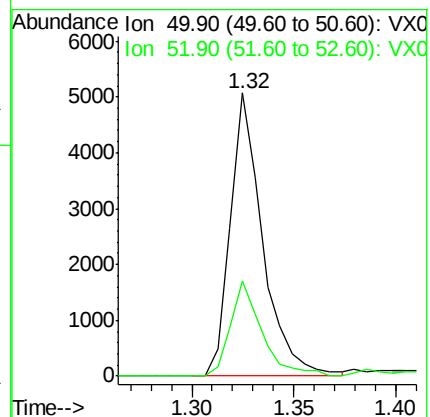
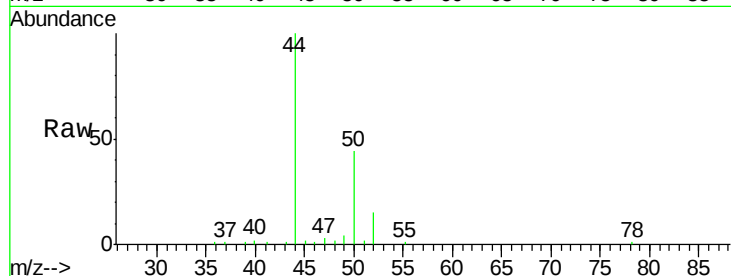
VSTDIC001

Tgt Ion: 50 Resp: 5534

Ion Ratio Lower Upper

50 100

52 33.4 25.7 38.5



#4

Vinyl Chloride

Concen: 1.096 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003389.D

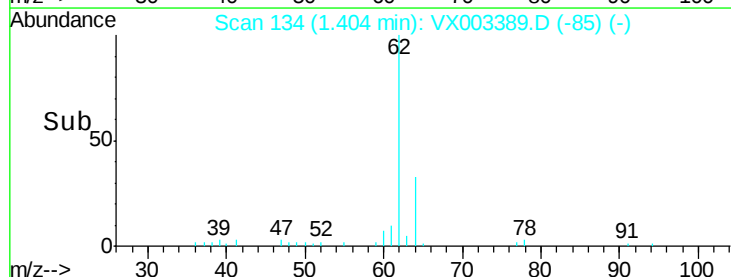
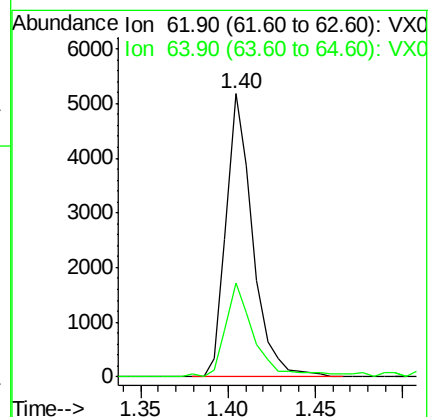
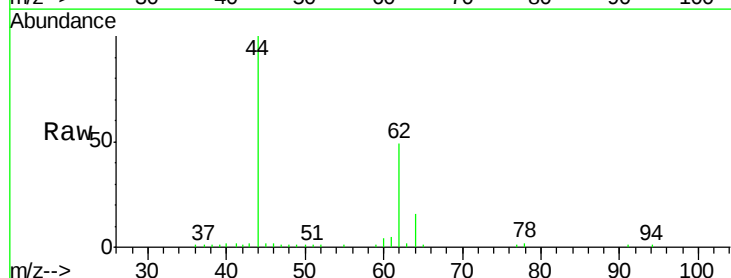
Acq: 16 Jul 2018 10:27

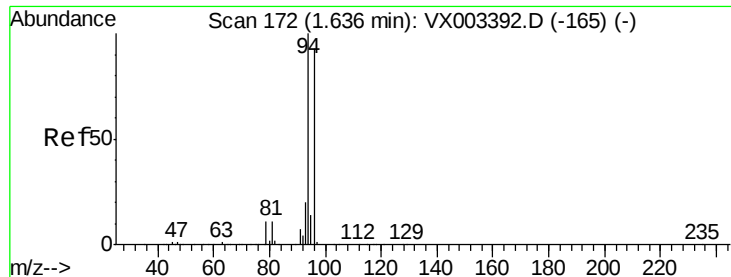
Tgt Ion: 62 Resp: 5487

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

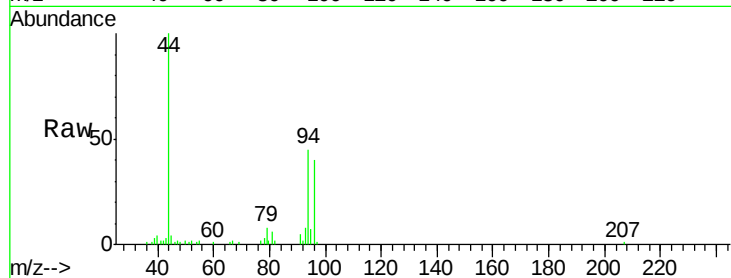
VSTDIC001

Tgt Ion: 94 Resp: 4874

Ion Ratio Lower Upper

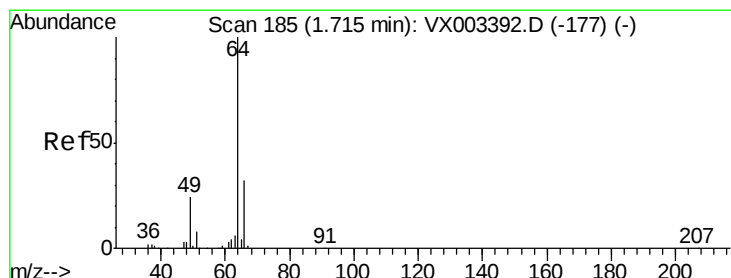
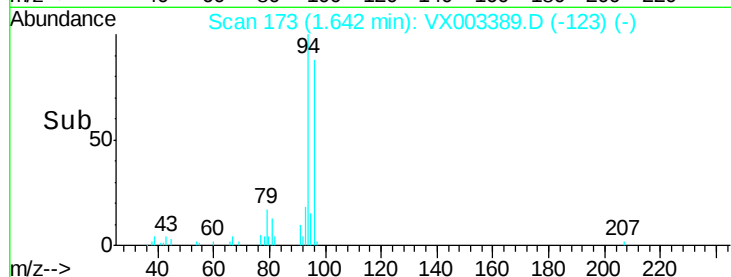
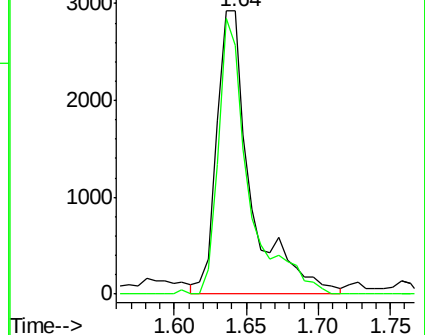
94 100

96 89.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003389.D

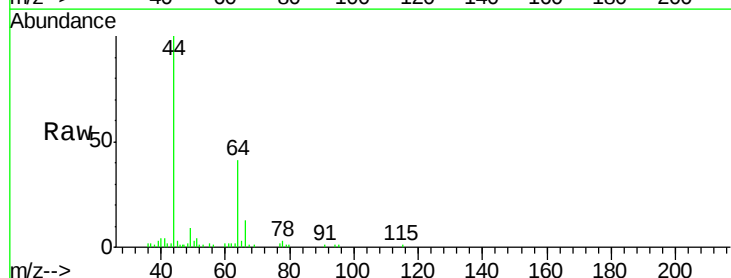
Acq: 16 Jul 2018 10:27

Tgt Ion: 64 Resp: 4059

Ion Ratio Lower Upper

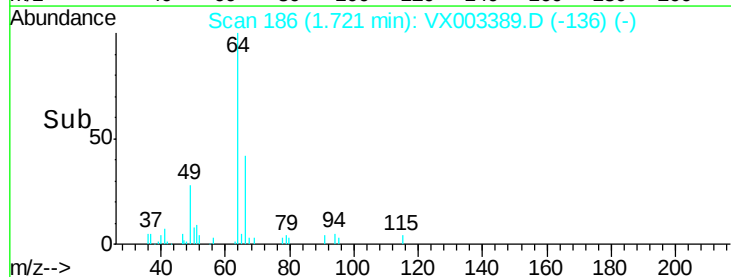
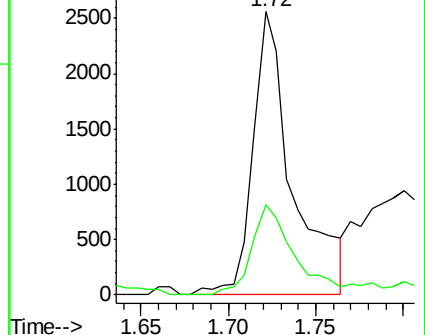
64 100

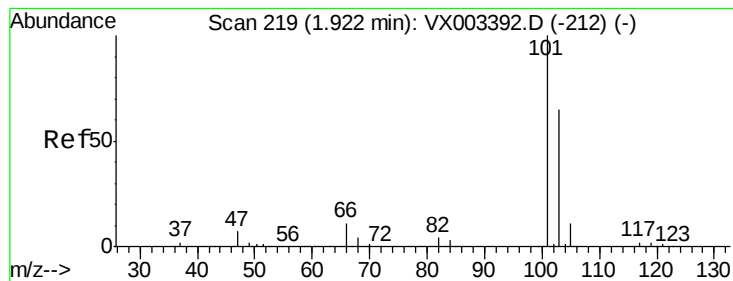
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.124 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003389.D

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Instrument :

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ClientSampleId :

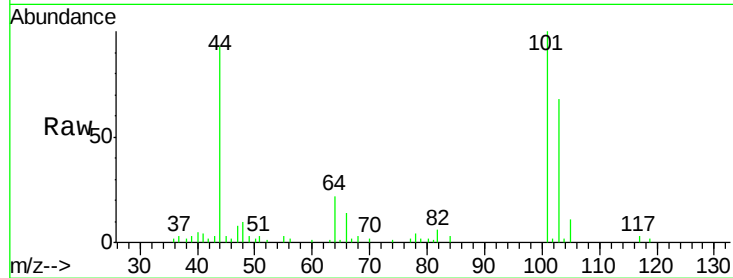
VSTDIC001

Tgt Ion: 101 Resp: 7465

Ion Ratio Lower Upper

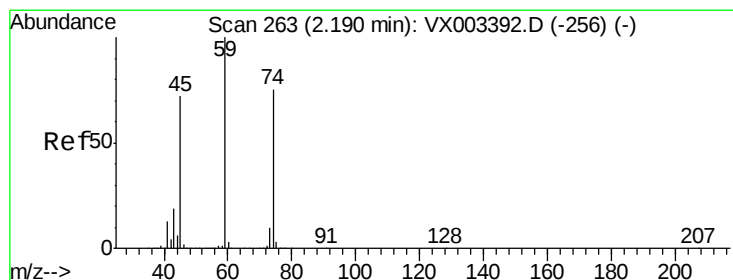
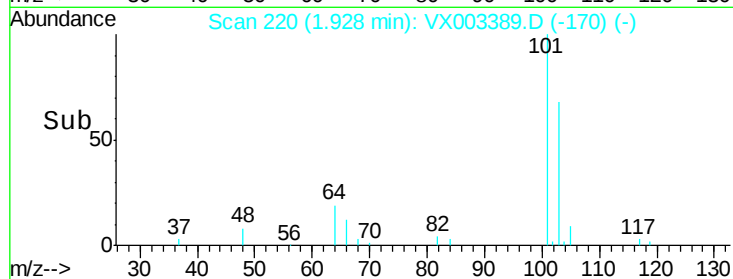
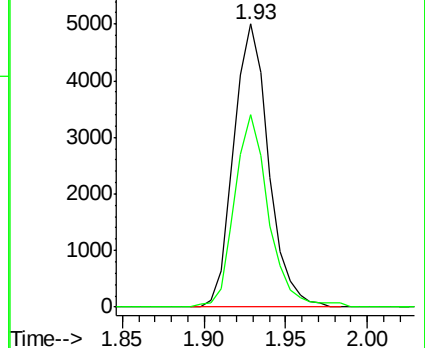
101 100

103 68.2 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.144 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003389.D

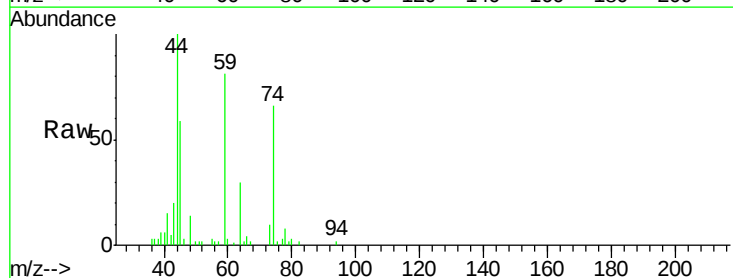
Acq: 16 Jul 2018 10:27

Tgt Ion: 74 Resp: 3250

Ion Ratio Lower Upper

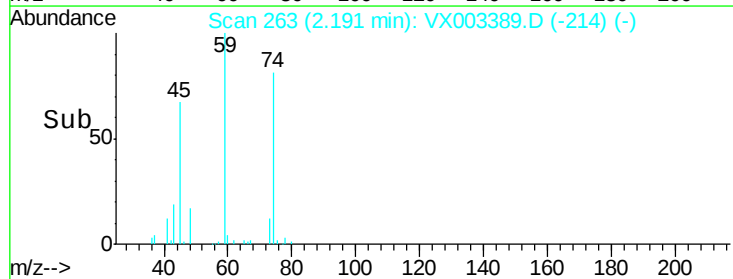
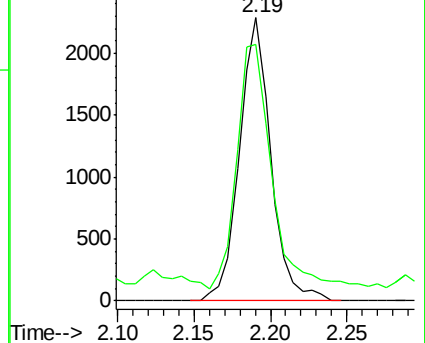
74 100

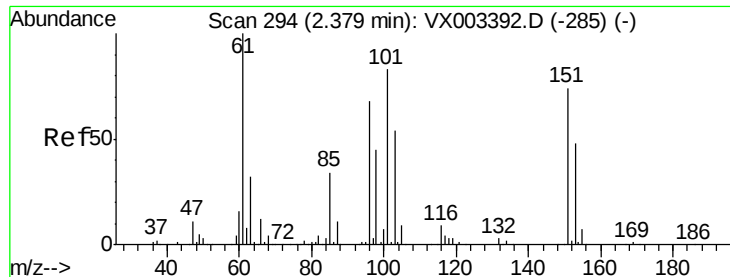
45 97.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.134 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003389.D

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ClientSampleId :

VSTDIC001

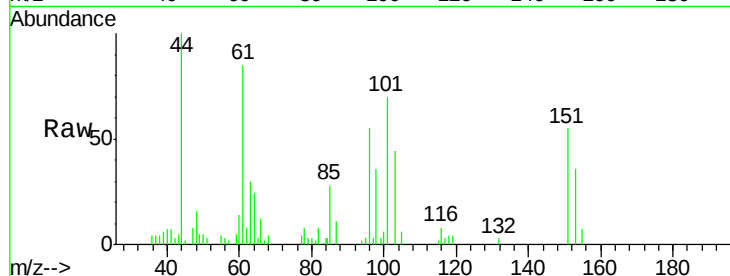
Tgt Ion:101 Resp: 4756

Ion Ratio Lower Upper

101 100

85 42.4 36.0 54.0

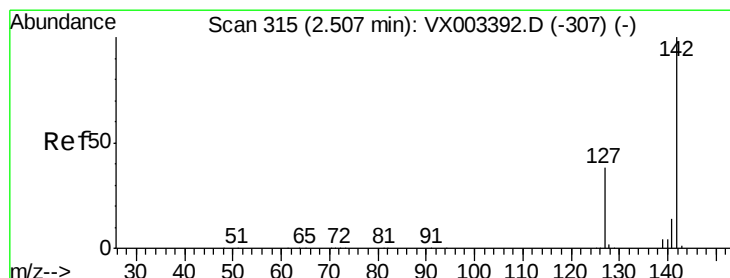
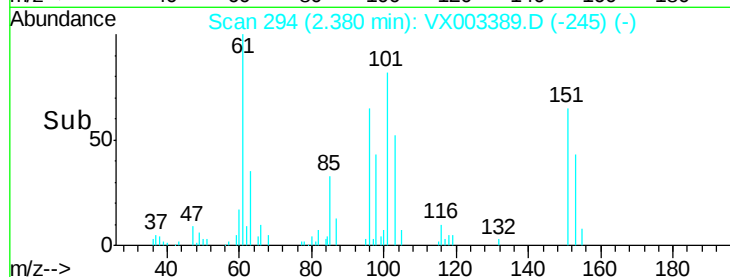
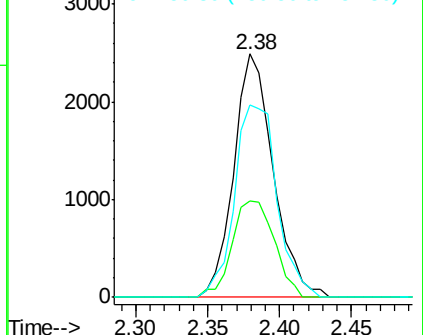
151 84.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.826 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

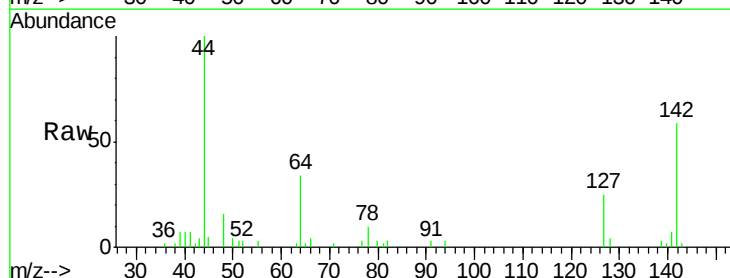
Tgt Ion:142 Resp: 3706

Ion Ratio Lower Upper

142 100

127 43.1 36.6 55.0

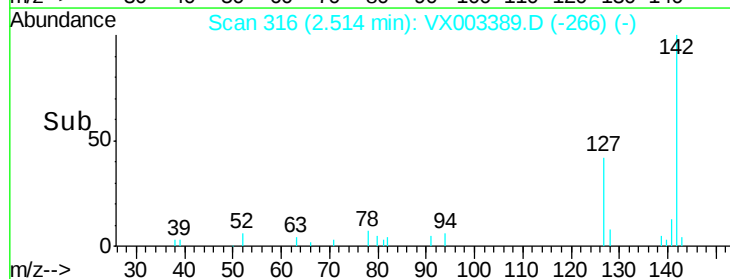
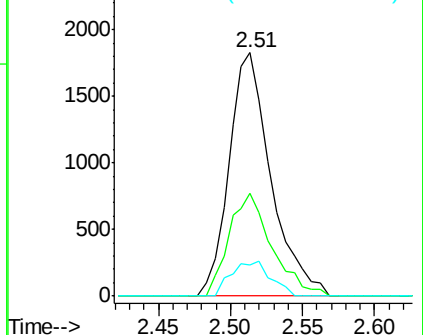
141 13.3 11.3 16.9

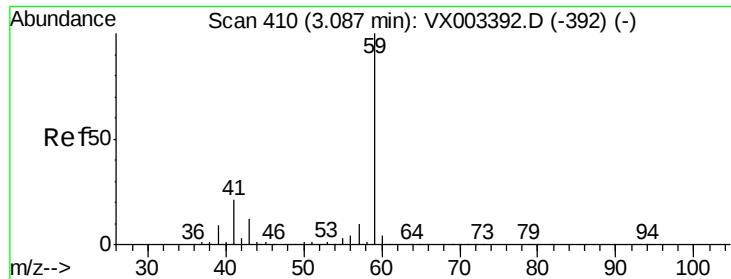


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

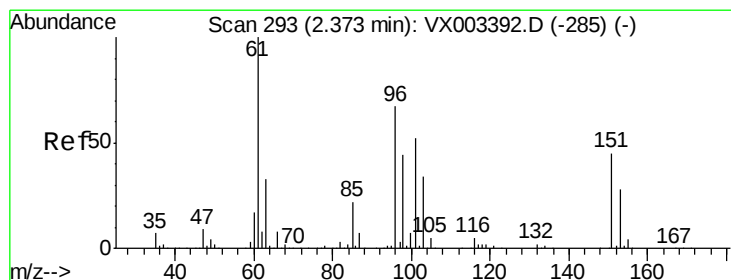
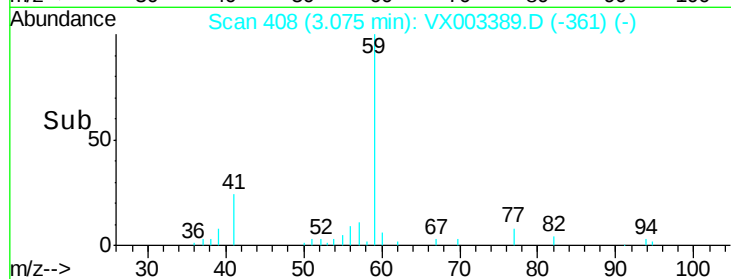
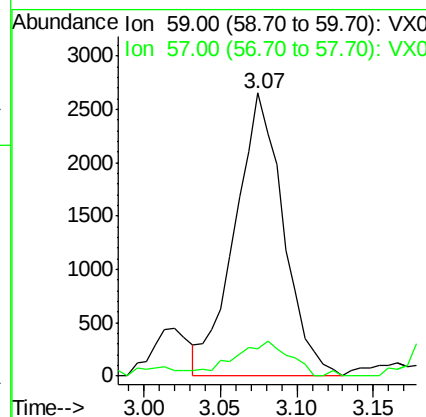
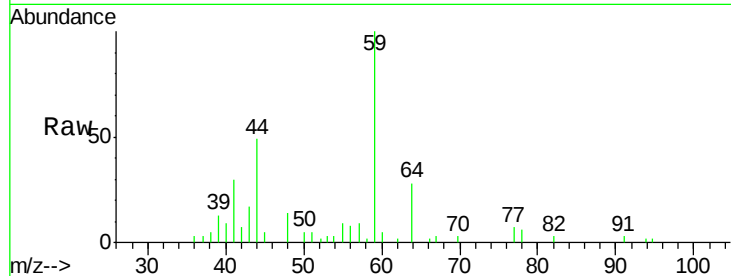




#11
Tert butyl alcohol
Concen: 5.266 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

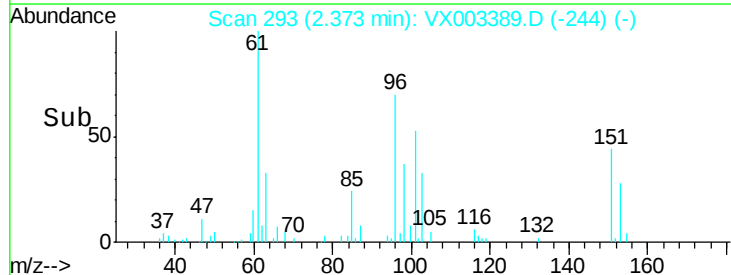
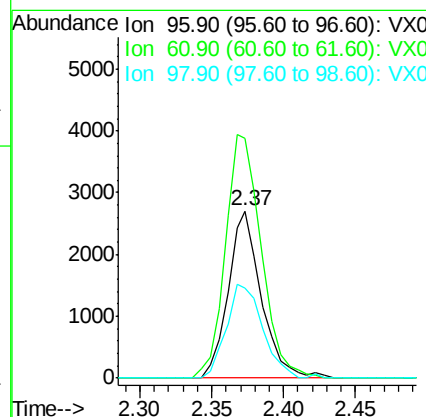
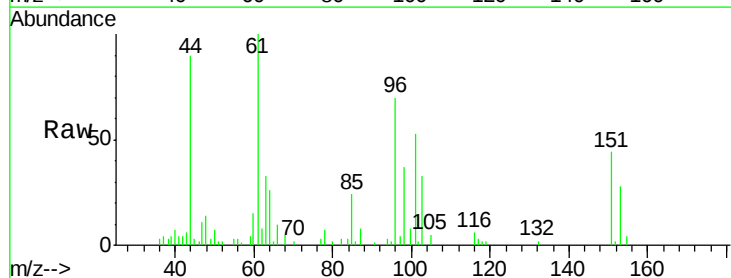
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

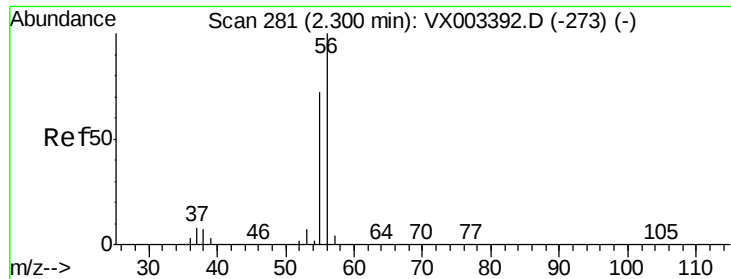
Tgt Ion: 59 Resp: 5833
Ion Ratio Lower Upper
59 100
57 13.8 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 1.095 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 96 Resp: 4341
Ion Ratio Lower Upper
96 100
61 143.7 137.9 206.9
98 53.6 51.6 77.4





#13

Acrolein

Concen: 5.799 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

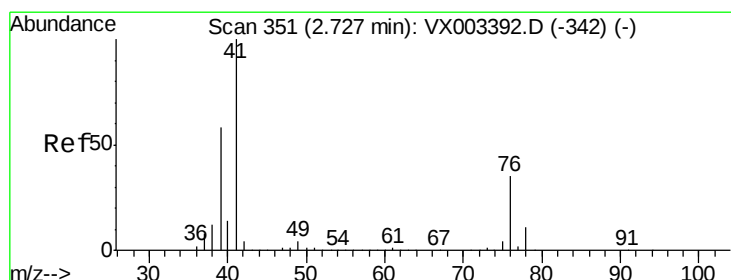
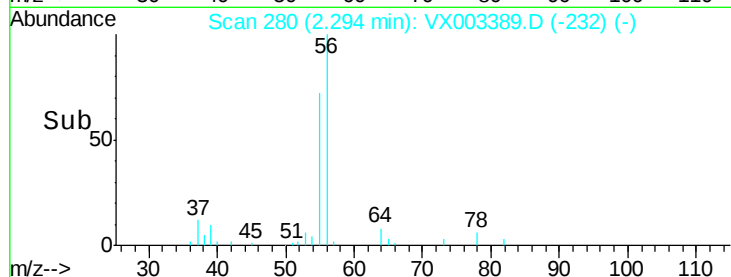
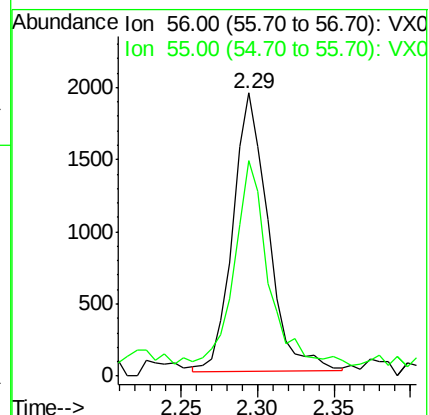
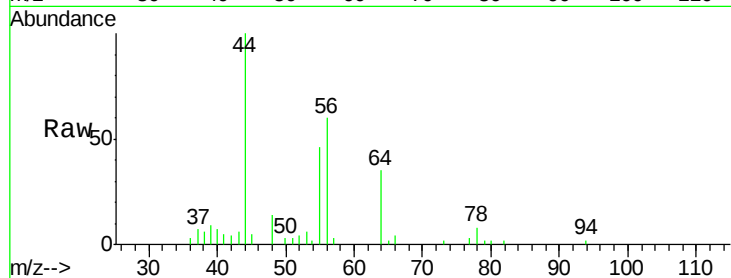
VSTDIC001

Tgt Ion: 56 Resp: 3081

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 1.085 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

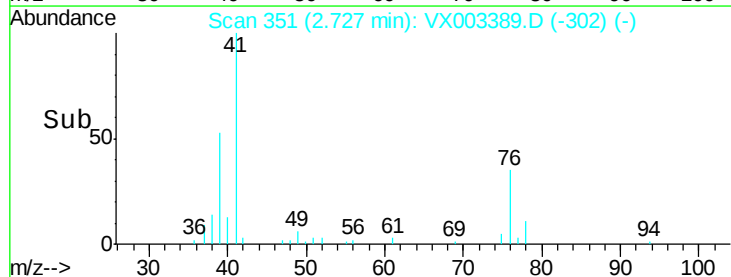
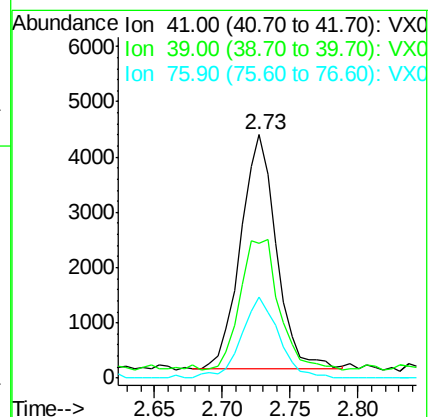
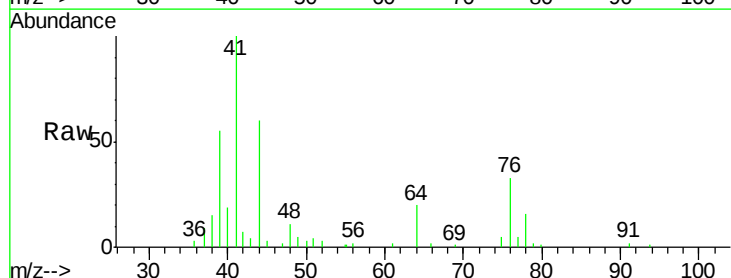
Tgt Ion: 41 Resp: 7801

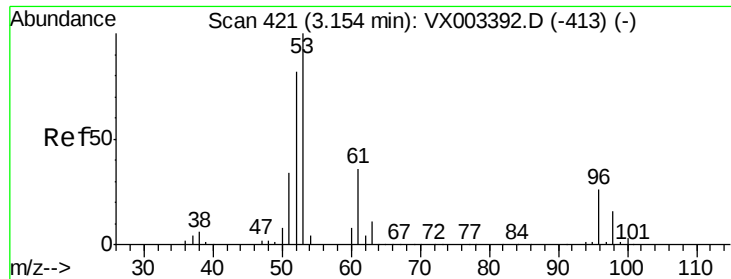
Ion Ratio Lower Upper

41 100

39 61.2 56.8 85.2

76 36.0 23.8 35.8#





#15

Acrylonitrile

Concen: 5.256 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

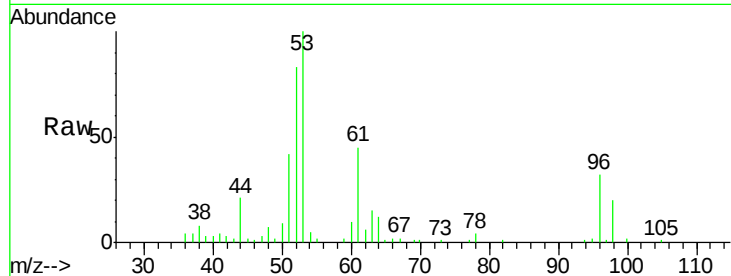
Tgt Ion: 53 Resp: 13337

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

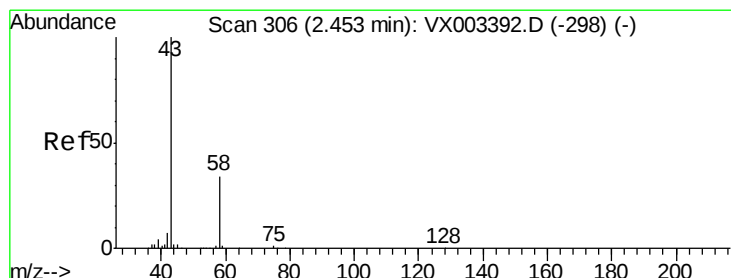
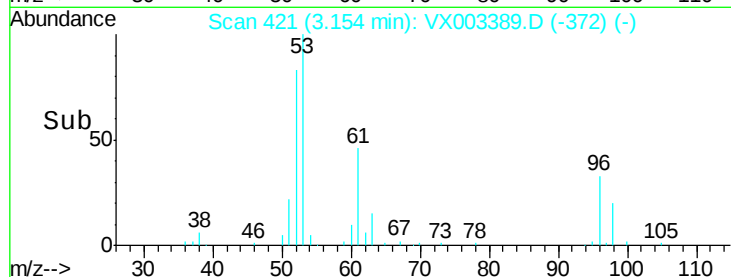
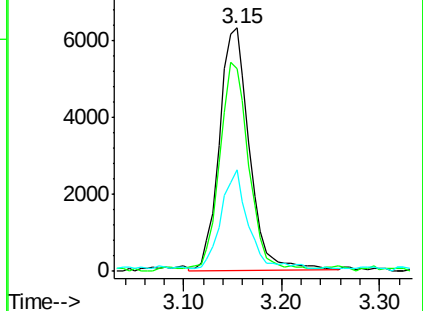
51 37.0 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 5.557 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003389.D

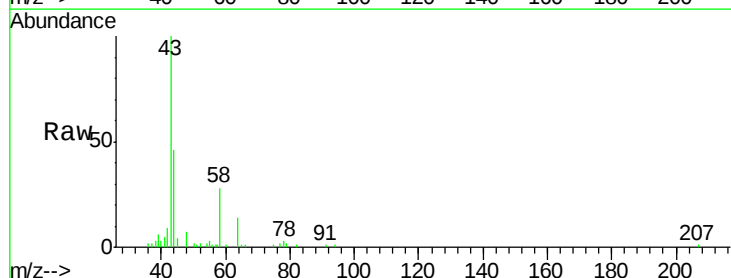
Acq: 16 Jul 2018 10:27

Tgt Ion: 43 Resp: 11384

Ion Ratio Lower Upper

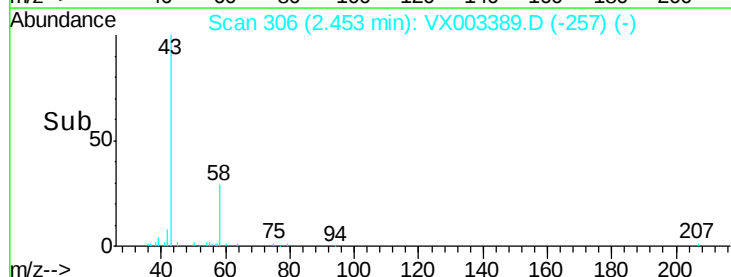
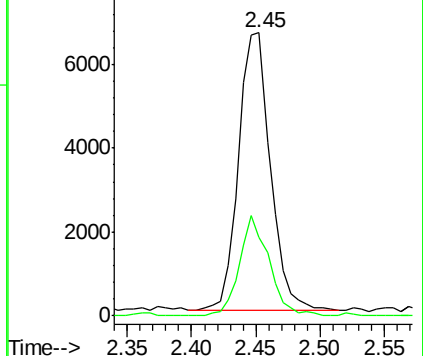
43 100

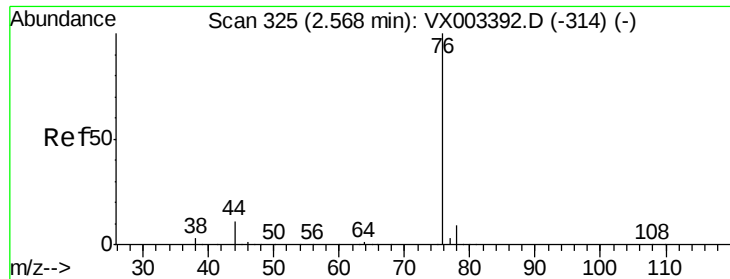
58 28.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.171 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

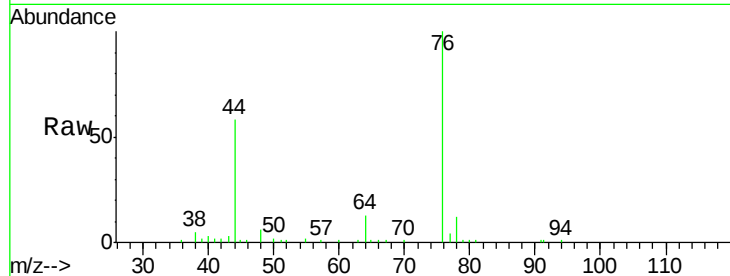
VSTDIC001

Tgt Ion: 76 Resp: 12733

Ion Ratio Lower Upper

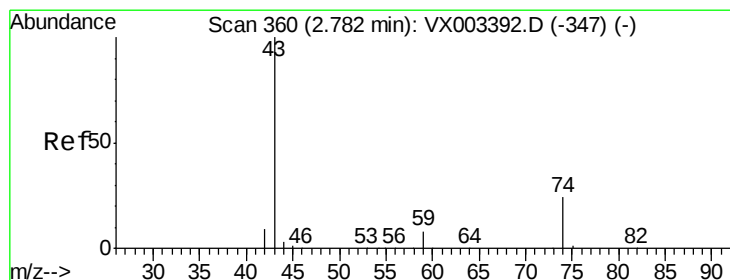
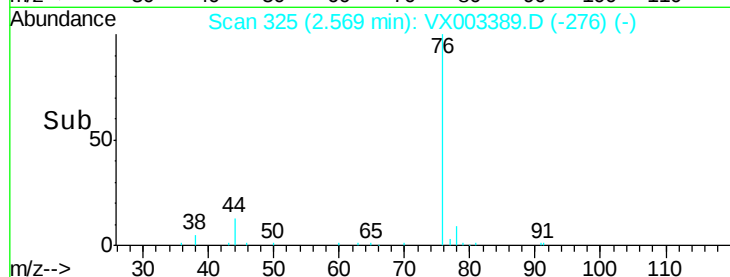
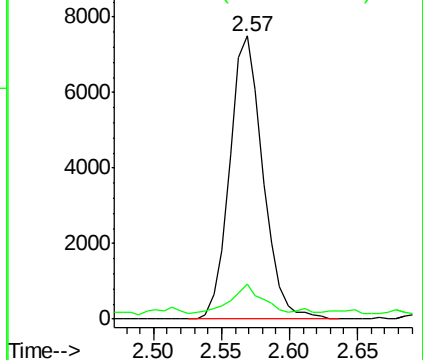
76 100

78 10.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.947 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003389.D

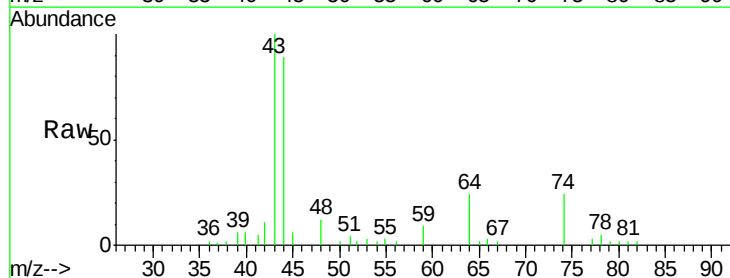
Acq: 16 Jul 2018 10:27

Tgt Ion: 43 Resp: 6320

Ion Ratio Lower Upper

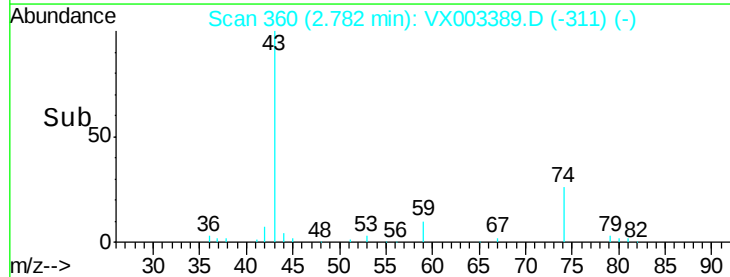
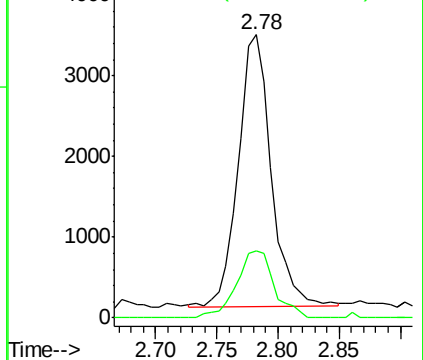
43 100

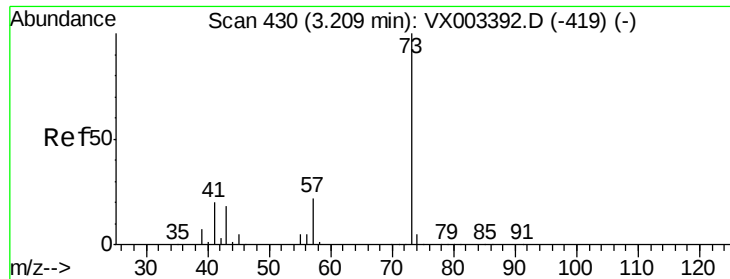
74 28.2 16.7 25.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

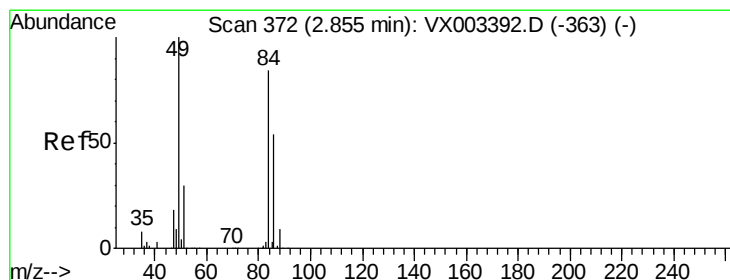
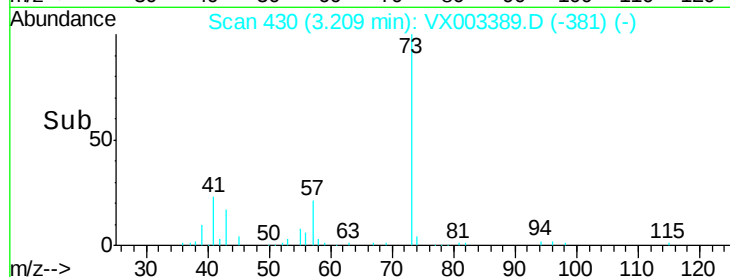
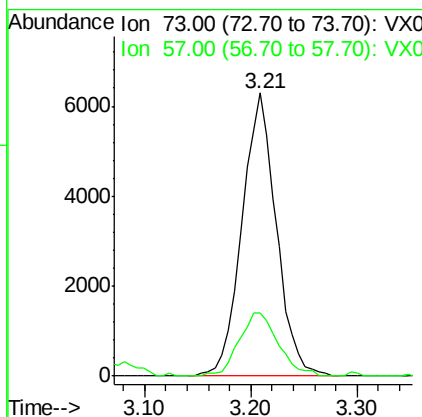
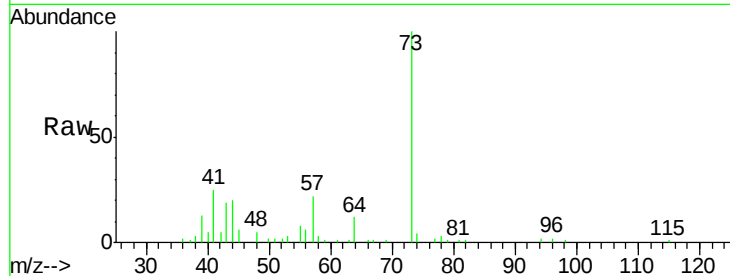




#19
Methyl tert-butyl Ether
Concen: 1.082 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

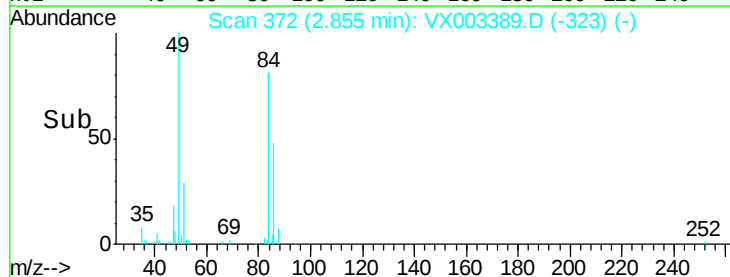
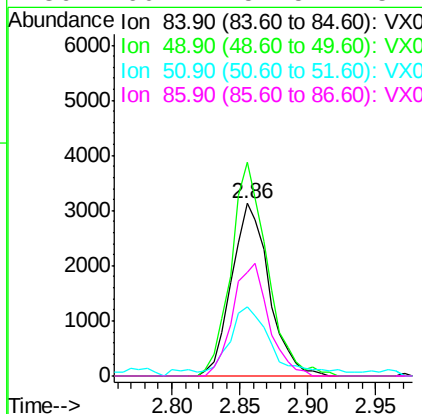
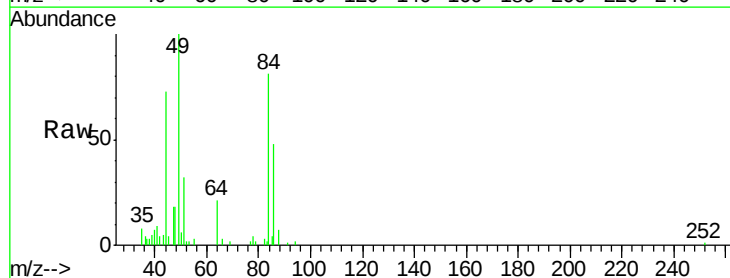
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

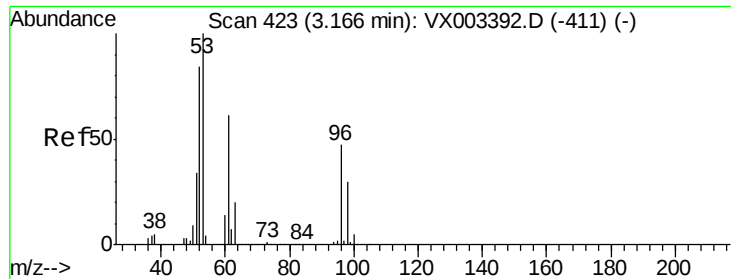
Tgt Ion: 73 Resp: 14236
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 84 Resp: 6020
Ion Ratio Lower Upper
84 100
49 123.9 107.8 161.6
51 36.4 32.8 49.2
86 60.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 1.170 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

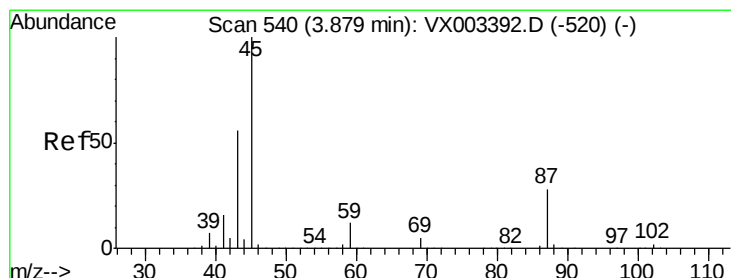
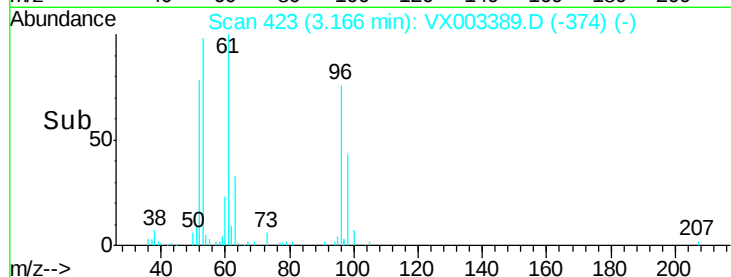
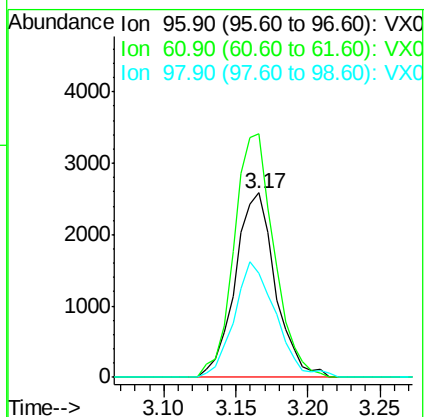
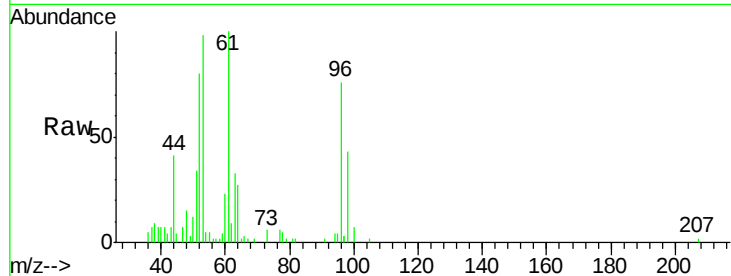
Tgt Ion: 96 Resp: 5011

Ion Ratio Lower Upper

96 100

61 132.0 117.0 175.4

98 56.4 52.4 78.6



#22

Diisopropyl ether

Concen: 1.157 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion: 45 Resp: 16143

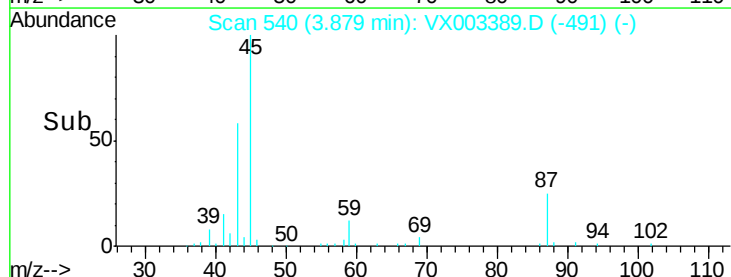
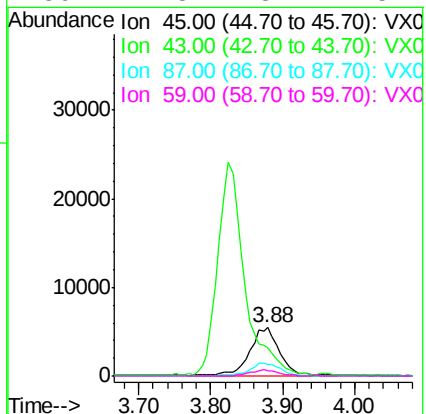
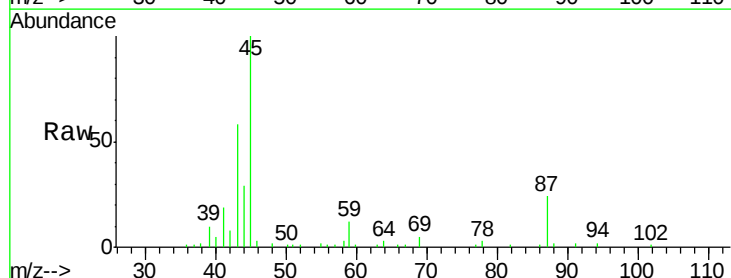
Ion Ratio Lower Upper

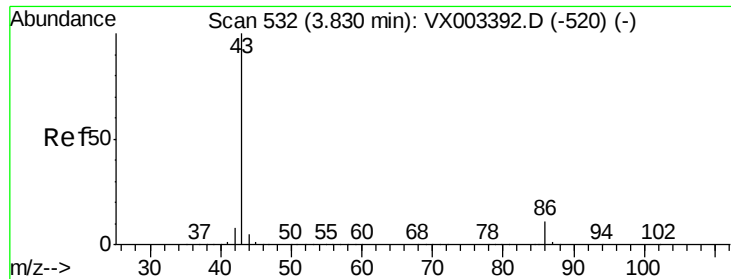
45 100

43 54.4 46.8 70.2

87 24.2 20.2 30.4

59 11.8 8.7 13.1





#23

Vinyl Acetate

Concen: 5.458 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

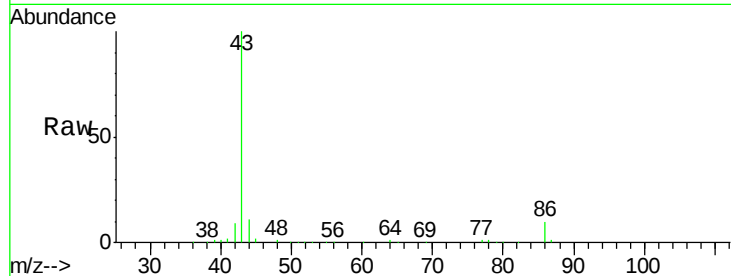
VSTDIC001

Tgt Ion: 43 Resp: 62786

Ion Ratio Lower Upper

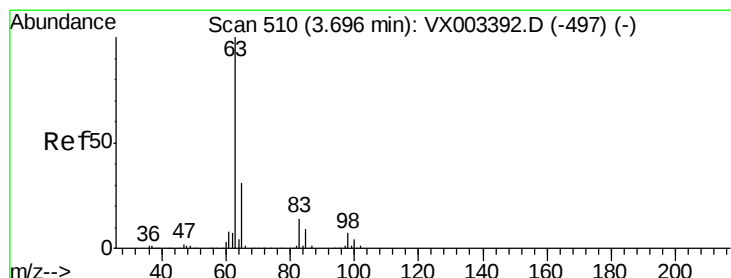
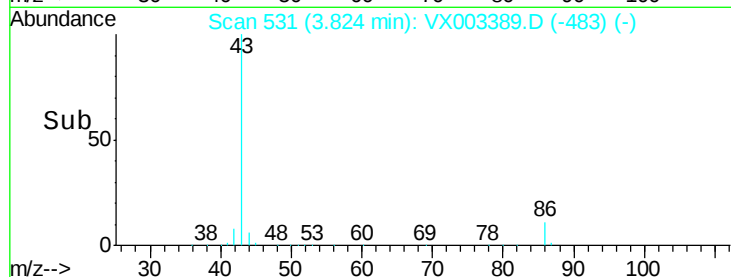
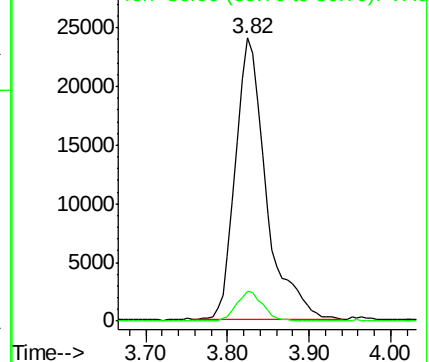
43 100

86 10.5 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 1.091 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

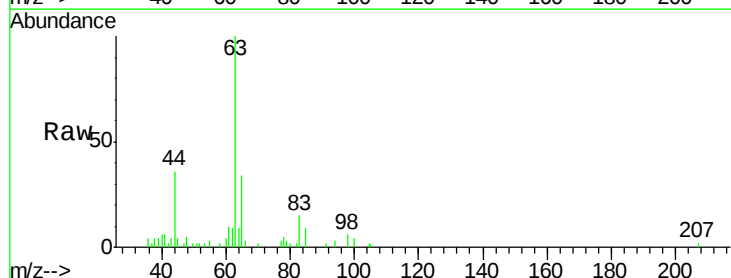
Tgt Ion: 63 Resp: 8637

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

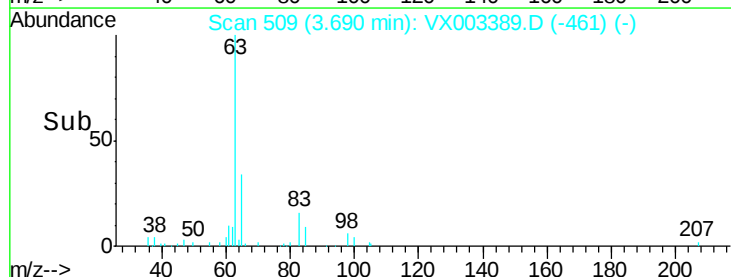
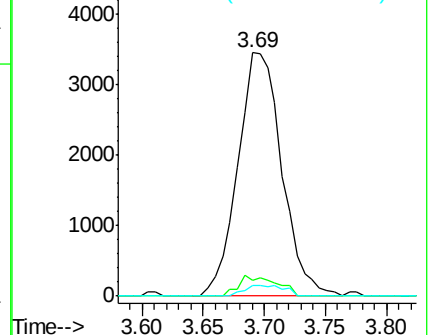
100 4.1 2.0 6.0

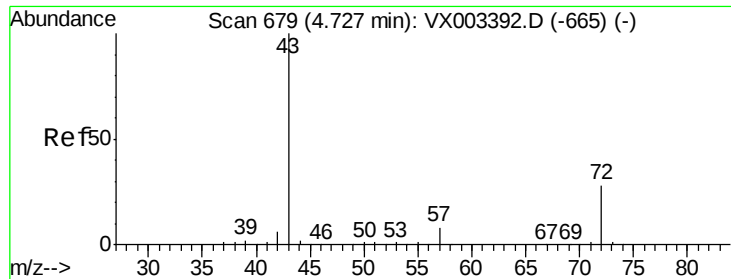


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 5.074 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.02 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

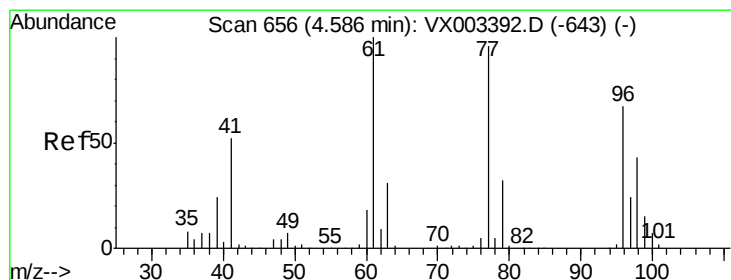
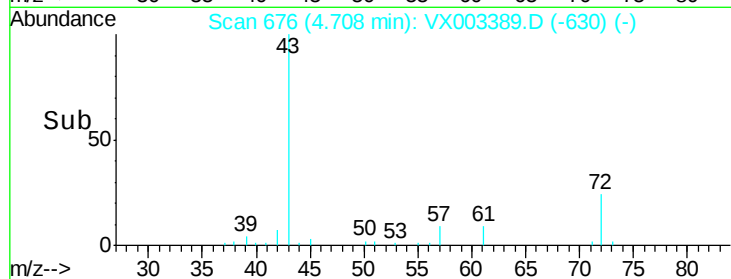
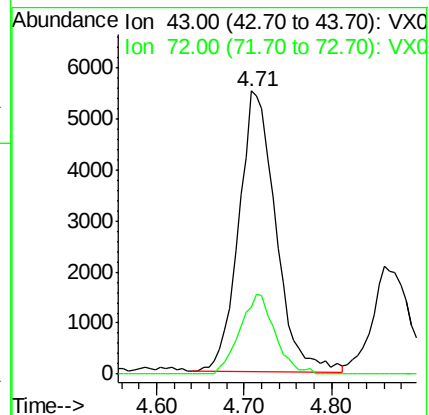
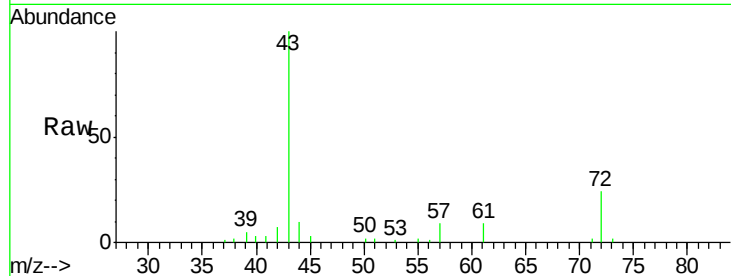
VSTDIC001

Tgt Ion: 43 Resp: 16267

Ion Ratio Lower Upper

43 100

72 23.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 1.159 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003389.D

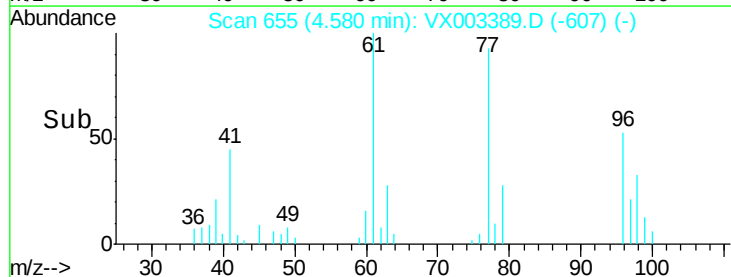
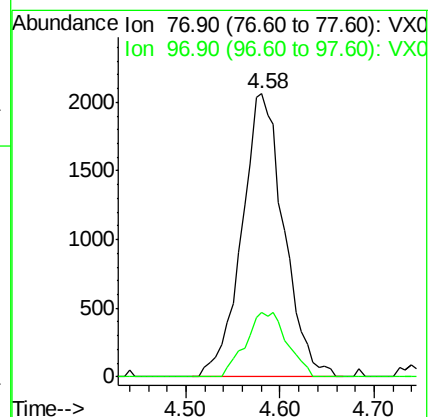
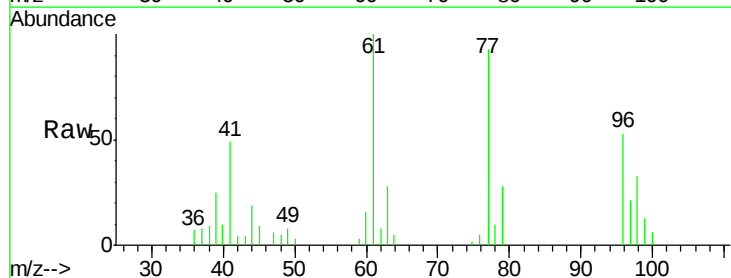
Acq: 16 Jul 2018 10:27

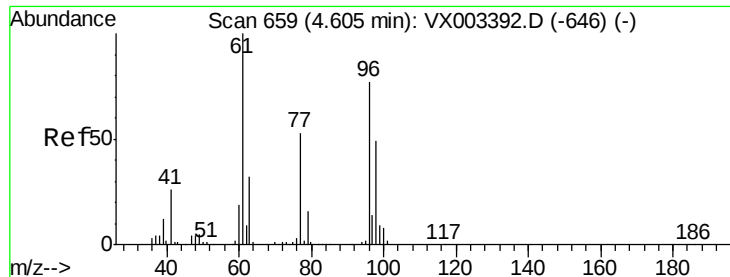
Tgt Ion: 77 Resp: 6435

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.5



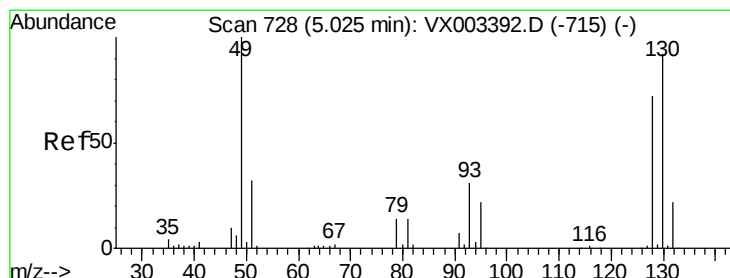
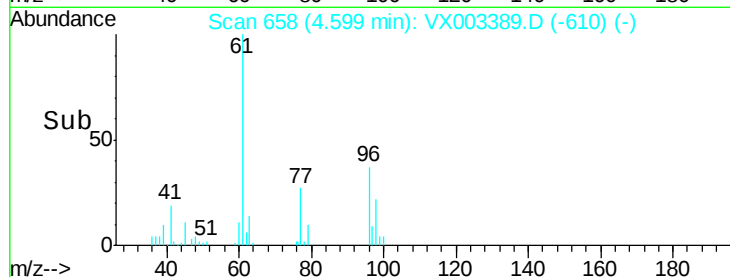
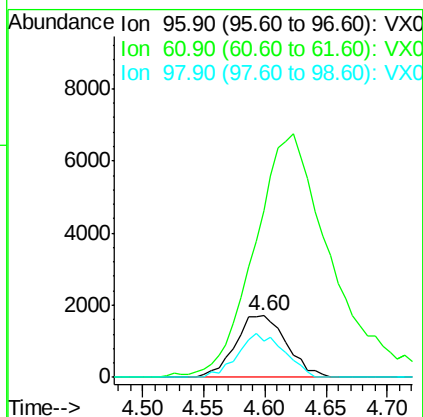
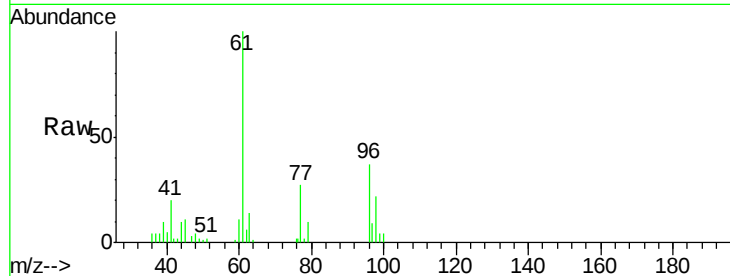


#27

cis-1,2-Dichloroethene
 Concen: 1.074 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

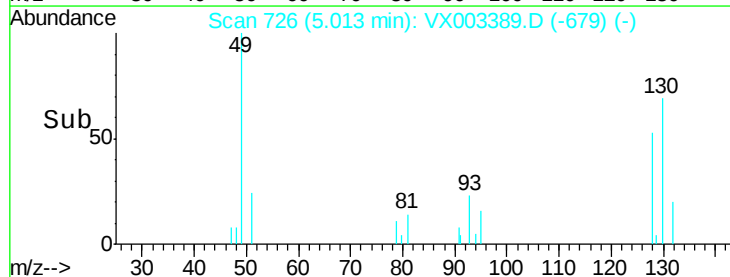
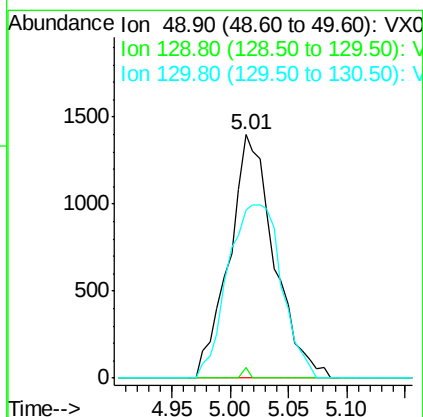
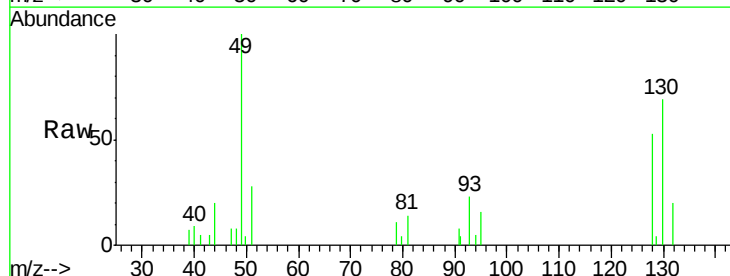
Tgt Ion: 96 Resp: 4946
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 330.2
 98 64.5 0.0 130.2

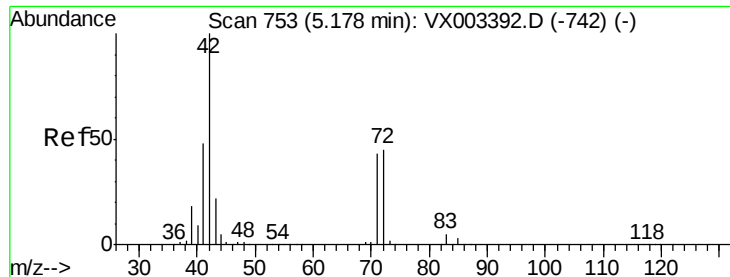


#28

Bromochloromethane
 Concen: 1.093 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 49 Resp: 3754
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.2
 130 85.2 61.2 91.8

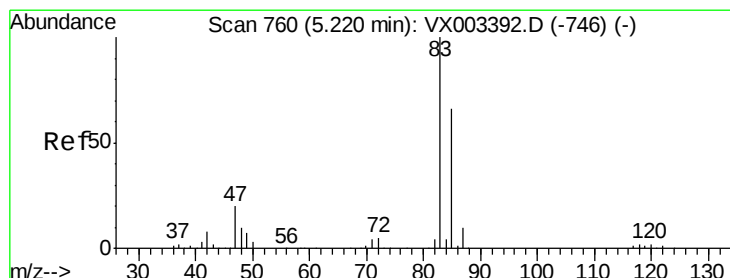
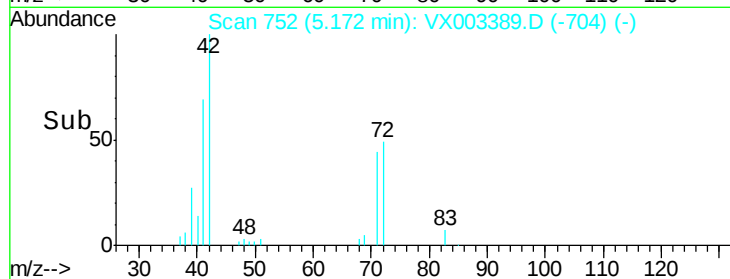
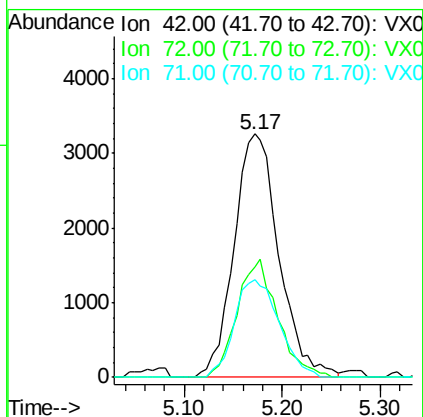
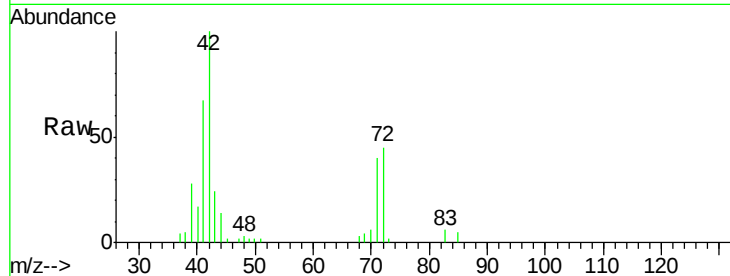




#29
Tetrahydrofuran
Concen: 5.106 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

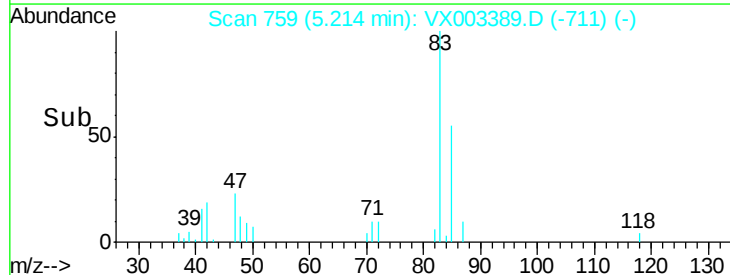
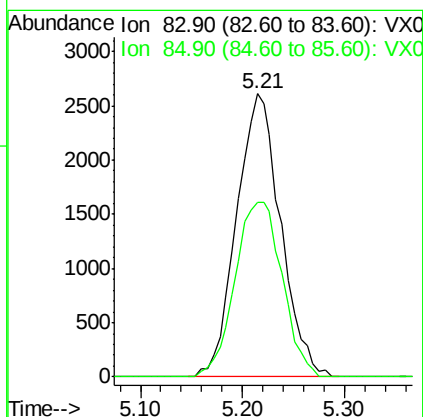
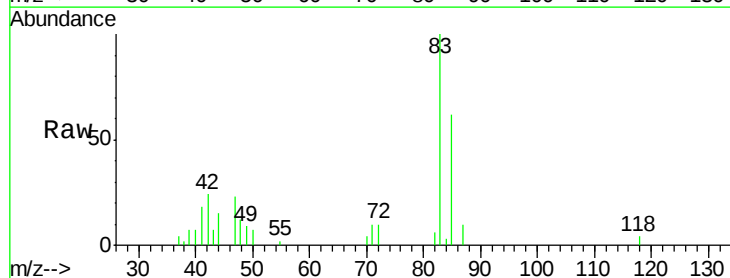
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

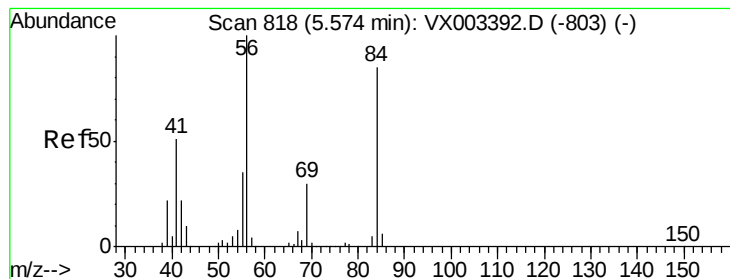
Tgt Ion: 42 Resp: 10381
Ion Ratio Lower Upper
42 100
72 43.8 32.0 48.0
71 39.9 30.1 45.1



#30
Chloroform
Concen: 1.074 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 83 Resp: 7828
Ion Ratio Lower Upper
83 100
85 61.8 50.4 75.6





#31

Cyclohexane

Concen: 1.039 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

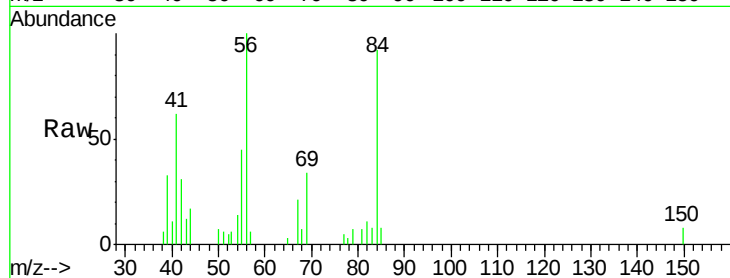
Tgt Ion: 56 Resp: 6352

Ion Ratio Lower Upper

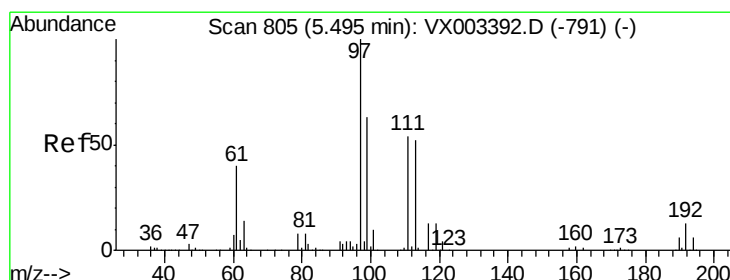
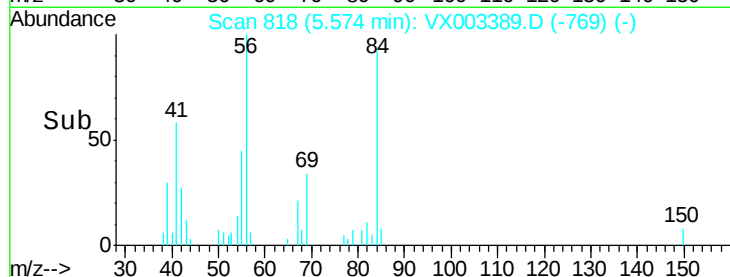
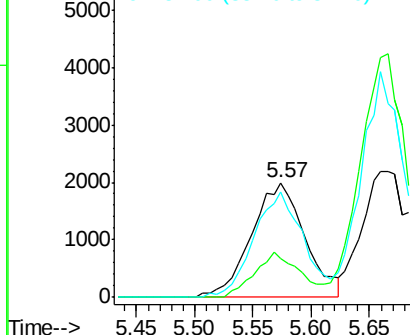
56 100

69 33.7 23.7 35.5

84 92.4 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 1.010 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

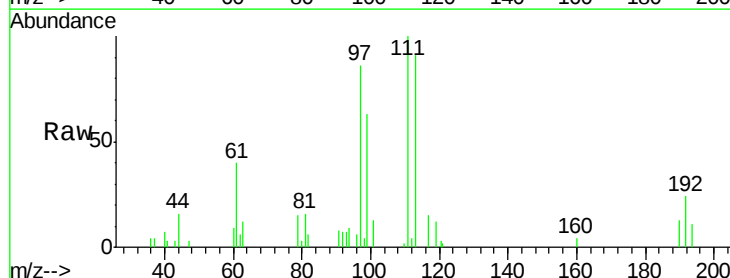
Tgt Ion: 97 Resp: 6266

Ion Ratio Lower Upper

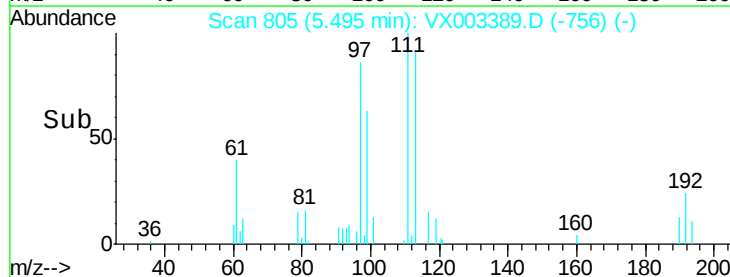
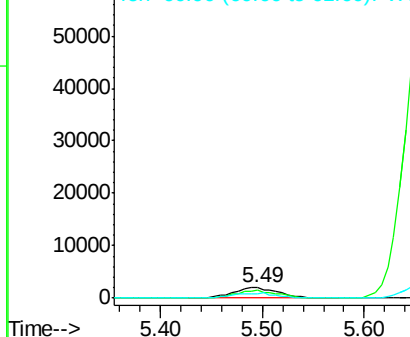
97 100

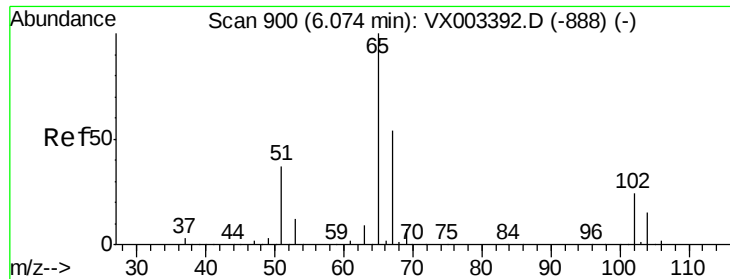
99 0.0 51.6 77.4#

61 47.0 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 1.747 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

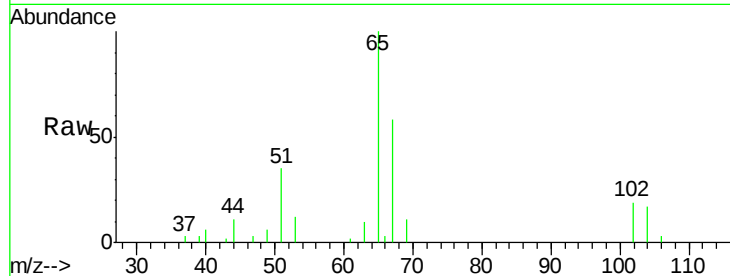
VSTDIC001

Tgt Ion: 65 Resp: 8606

Ion Ratio Lower Upper

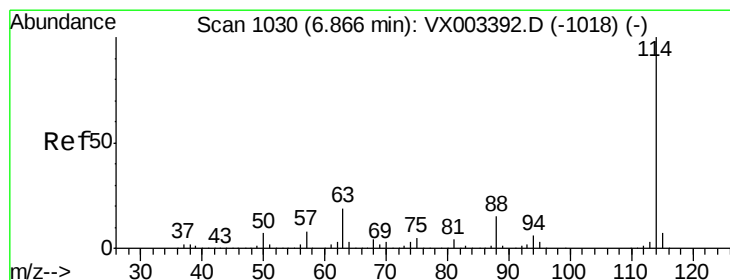
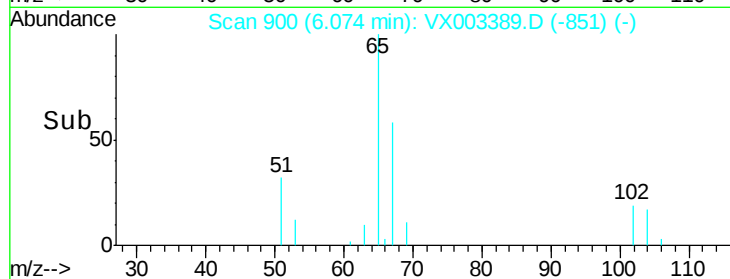
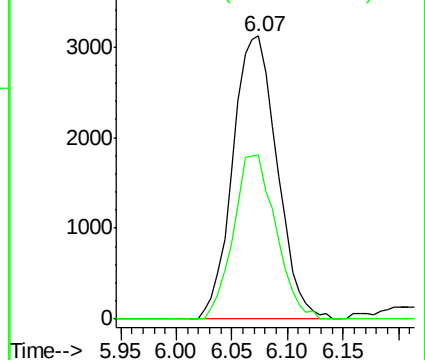
65 100

67 55.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

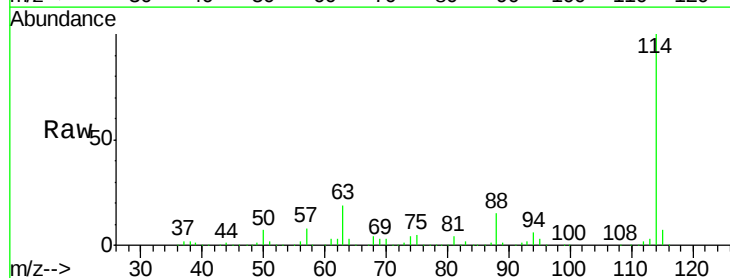
Tgt Ion: 114 Resp: 536045

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

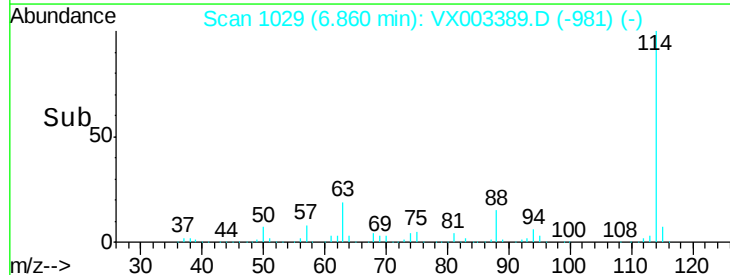
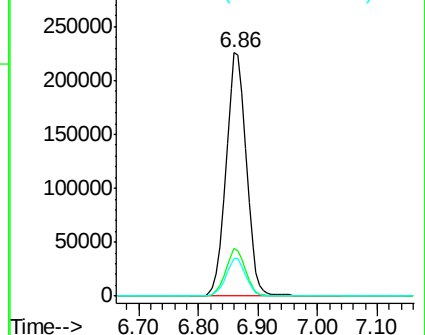
88 15.3 0.0 30.0

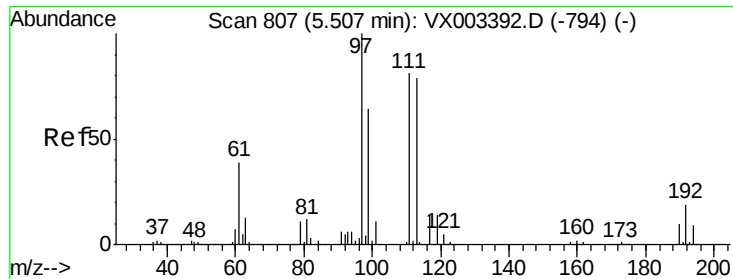


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

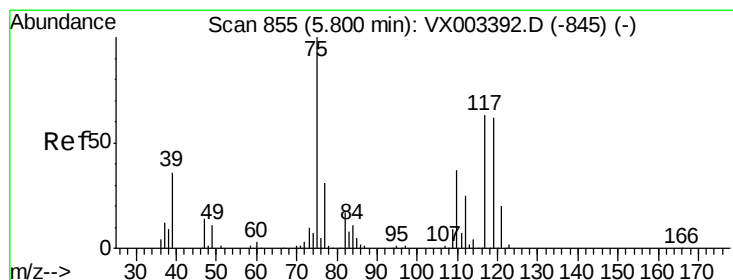
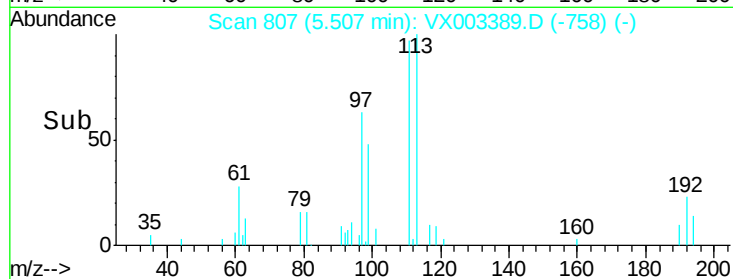
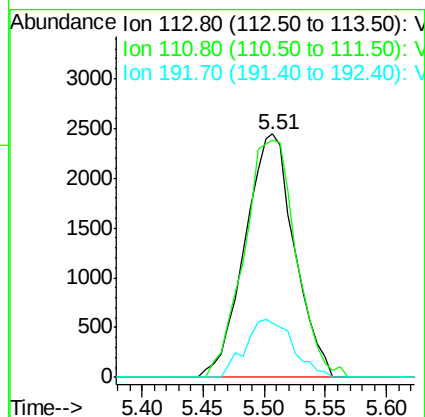
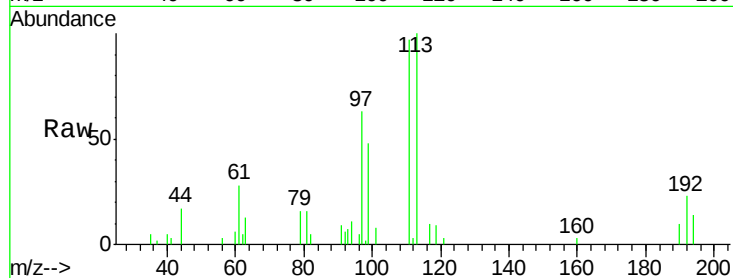




#35
 Dibromofluoromethane
 Concen: 1.589 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

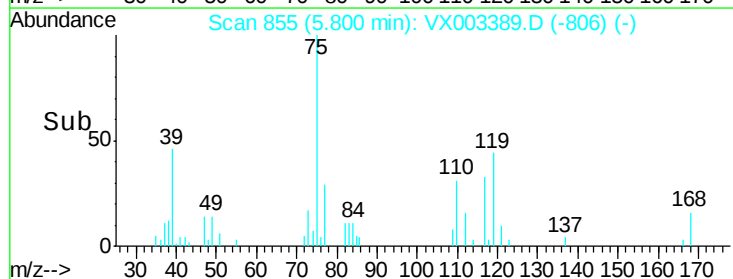
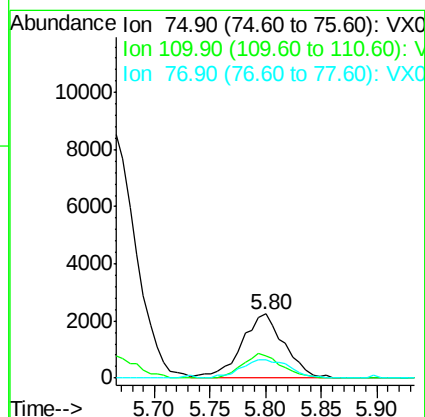
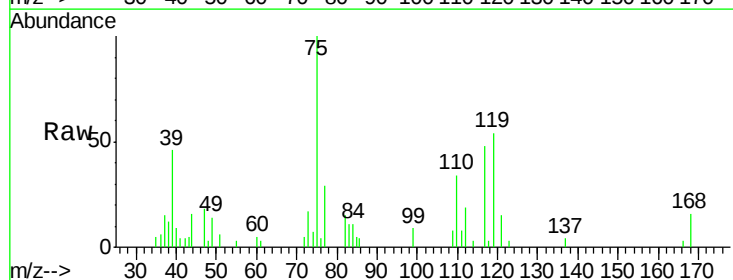
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

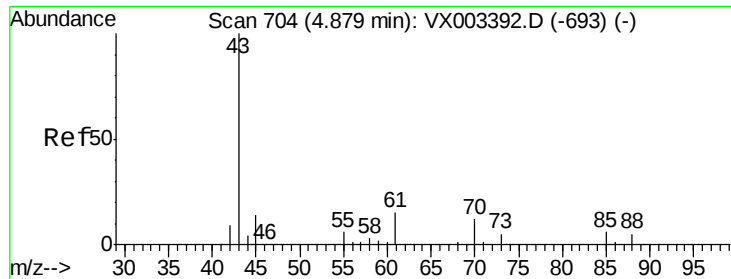
Tgt Ion:113 Resp: 6891
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 1.105 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 75 Resp: 5996
 Ion Ratio Lower Upper
 75 100
 110 34.4 18.1 54.4
 77 32.6 24.3 36.5

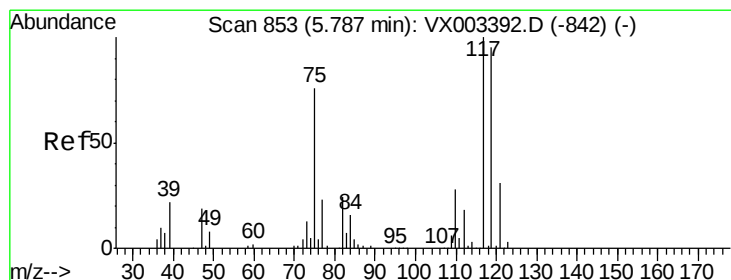
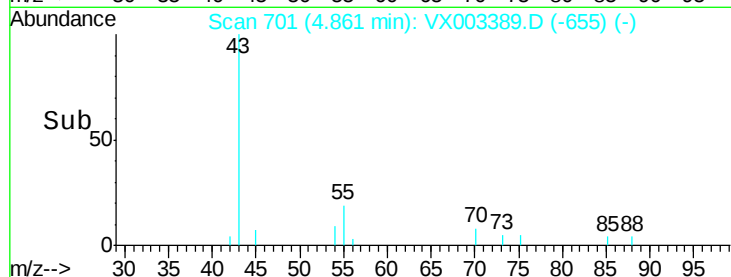
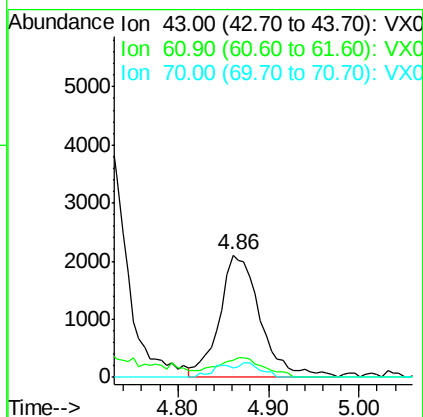
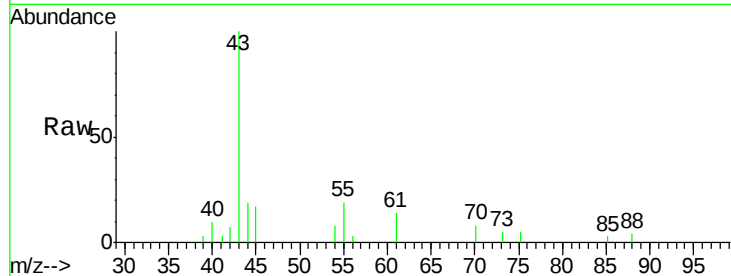




#37
 Ethyl Acetate
 Concen: 1.074 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

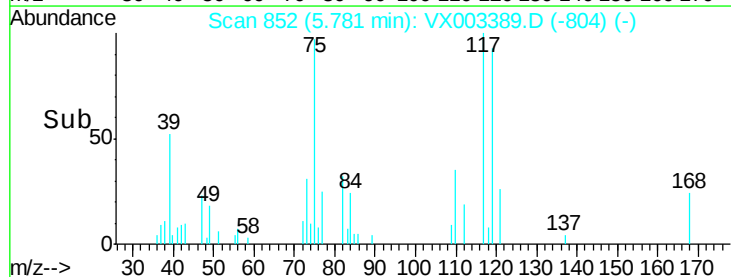
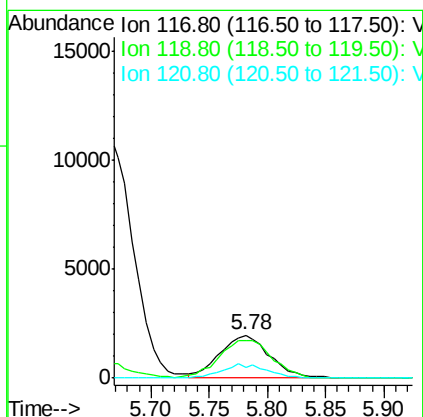
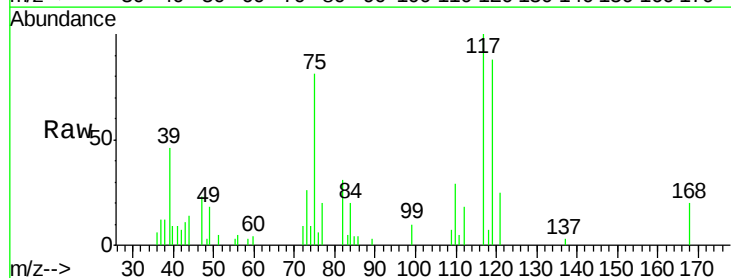
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

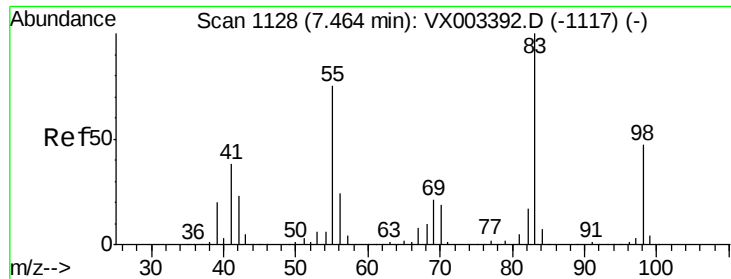
Tgt Ion: 43 Resp: 6570
 Ion Ratio Lower Upper
 43 100
 61 18.1 10.4 15.6#
 70 6.5 7.6 11.4#



#38
 Carbon Tetrachloride
 Concen: 1.046 ug/l
 RT: 5.78 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 117 Resp: 5776
 Ion Ratio Lower Upper
 117 100
 119 87.9 77.4 116.0
 121 25.4 24.4 36.6

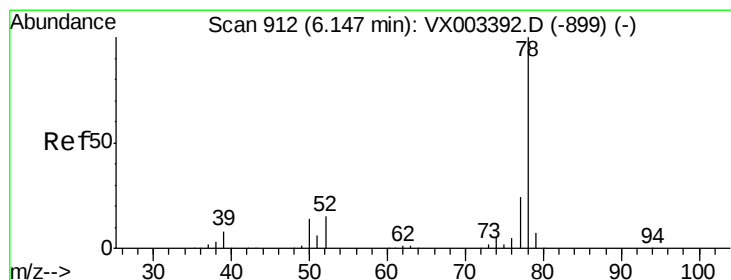
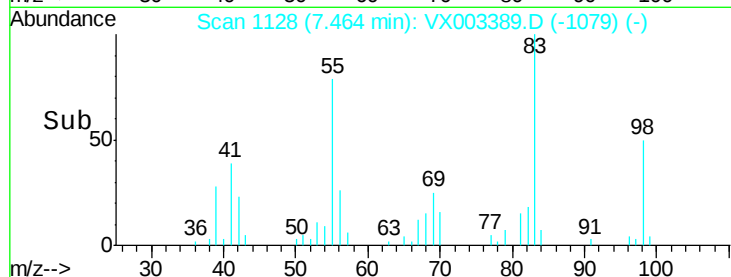
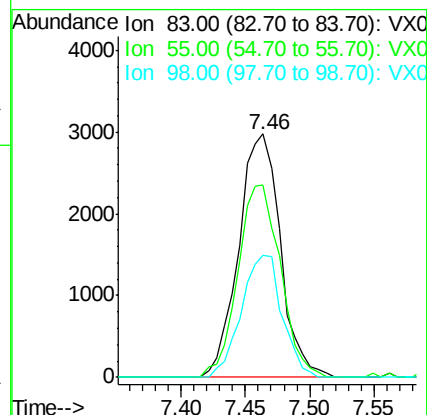
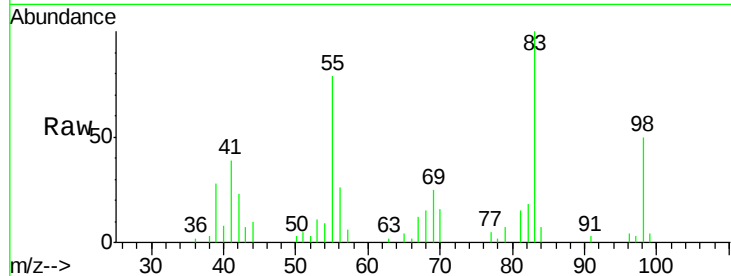




#39
Methylcyclohexane
Concen: 1.074 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

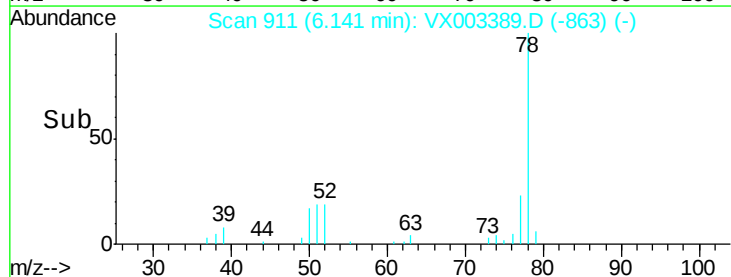
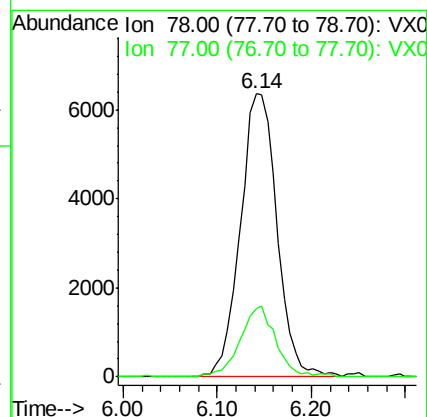
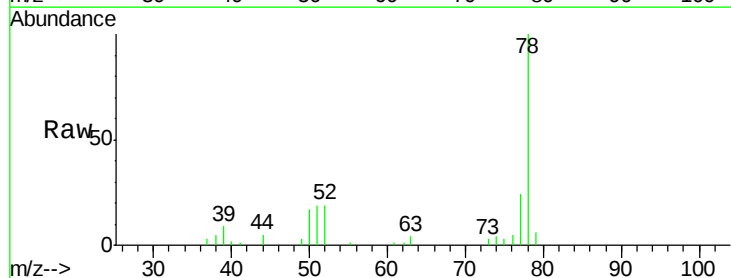
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

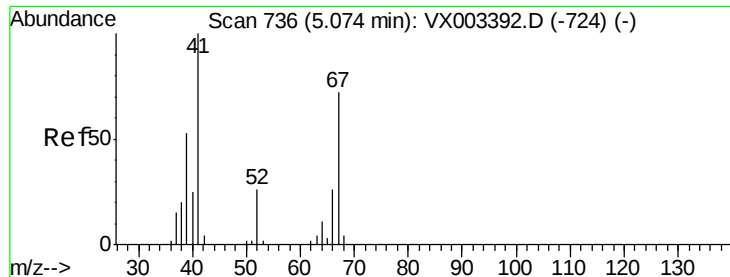
Tgt Ion: 83 Resp: 6675
Ion Ratio Lower Upper
83 100
55 79.0 65.4 98.0
98 50.1 37.4 56.0



#40
Benzene
Concen: 1.049 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 78 Resp: 17331
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

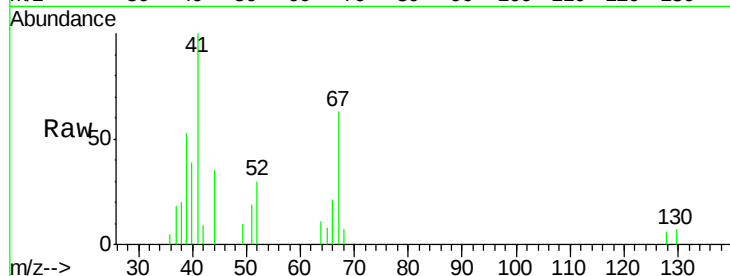




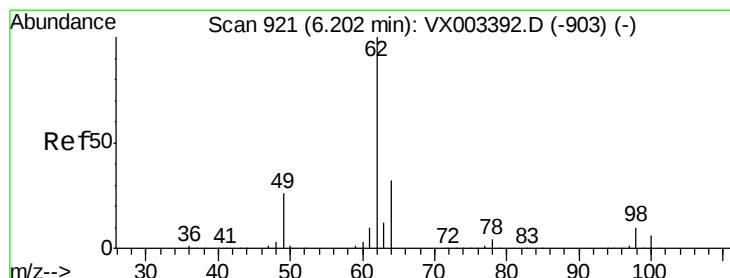
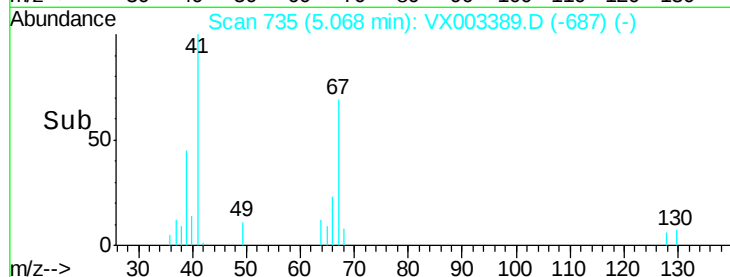
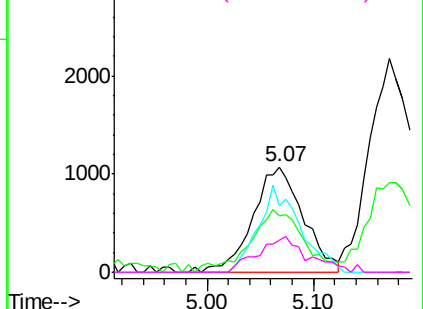
#41
Methacrylonitrile
Concen: 1.052 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:	41	Resp:	3538
Ion	Ratio	Lower	Upper
41	100		
39	62.2	45.8	68.6
67	68.0	51.3	76.9
52	33.2	23.0	34.6

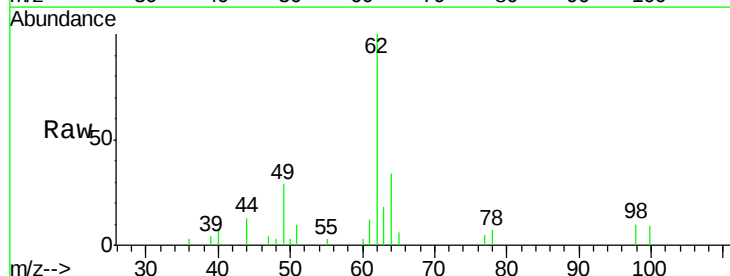


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

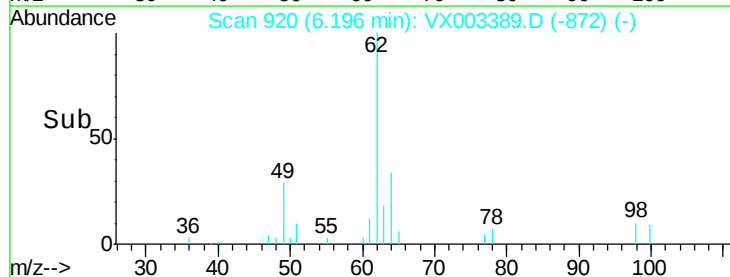
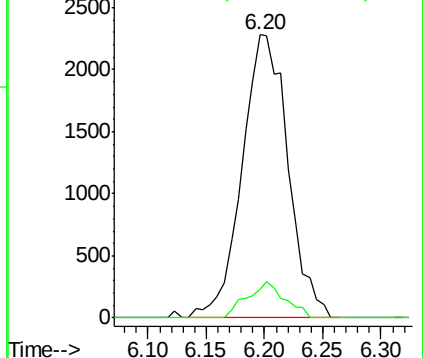


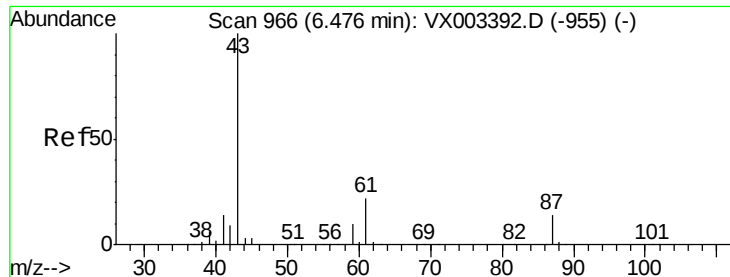
#42
1,2-Dichloroethane
Concen: 1.103 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion:	62	Resp:	6247
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.011 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

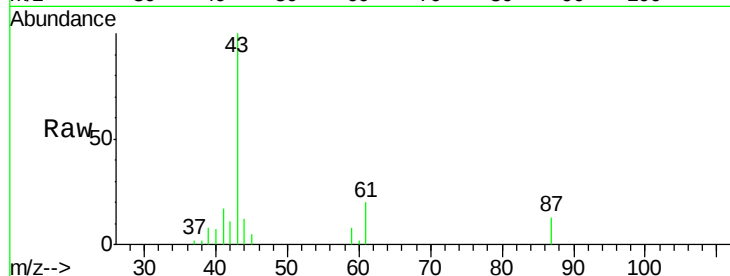
Tgt Ion: 43 Resp: 9330

Ion Ratio Lower Upper

43 100

61 18.6 14.4 21.6

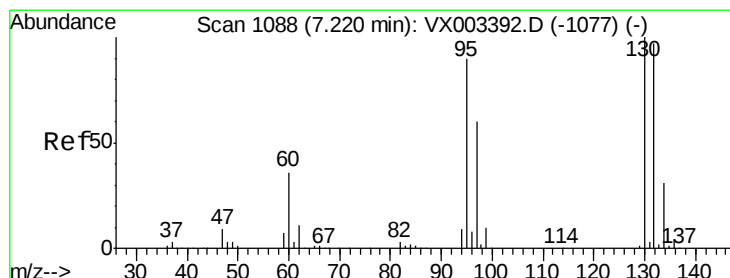
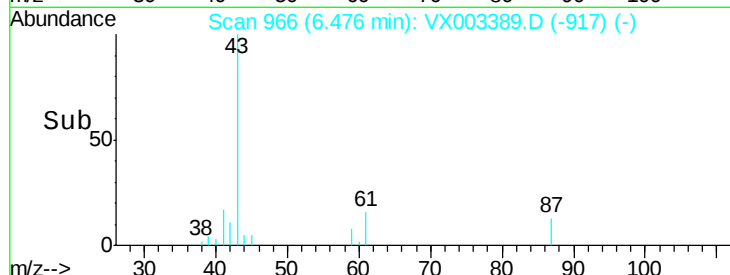
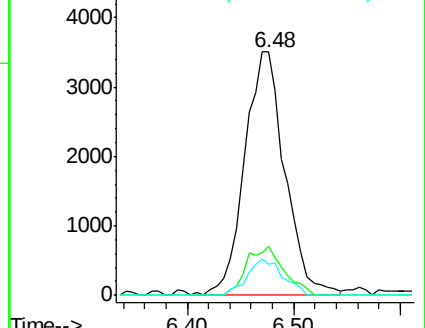
87 13.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.074 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003389.D

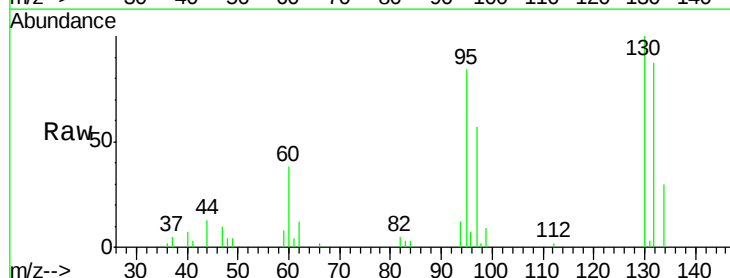
Acq: 16 Jul 2018 10:27

Tgt Ion: 130 Resp: 5138

Ion Ratio Lower Upper

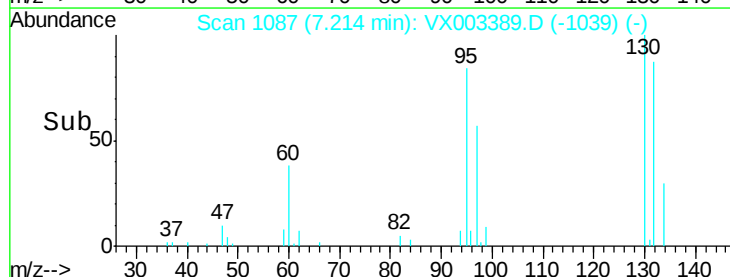
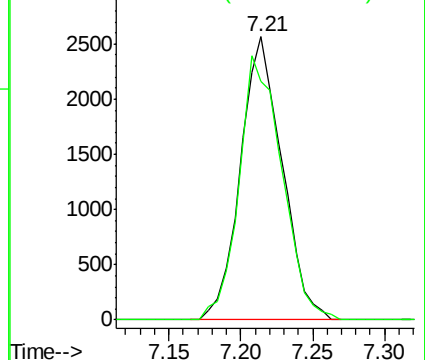
130 100

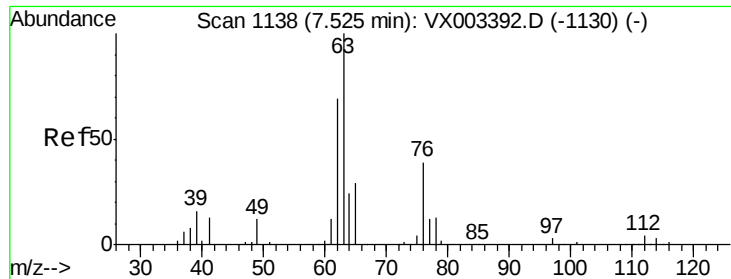
95 84.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

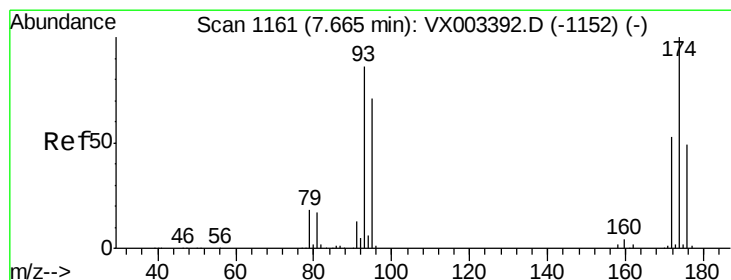
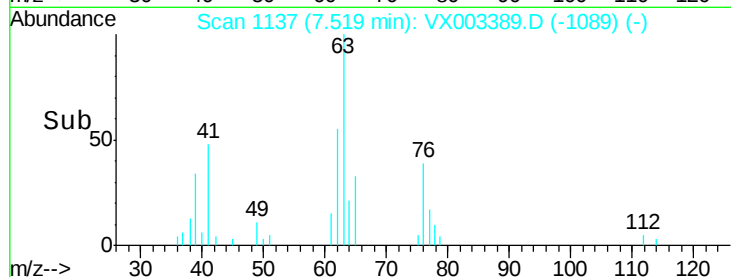
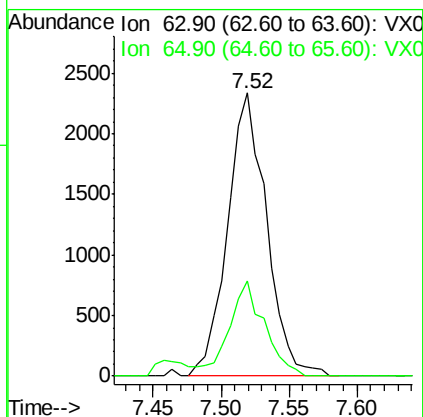
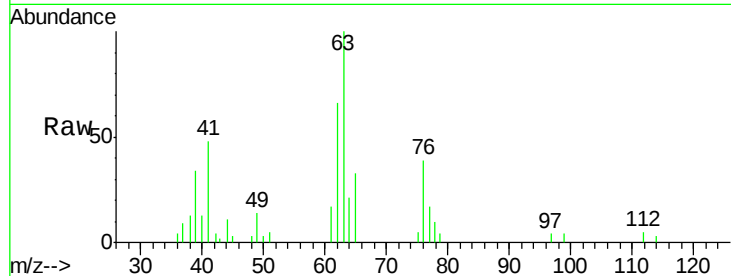




#45
 1,2-Dichloropropane
 Concen: 1.089 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

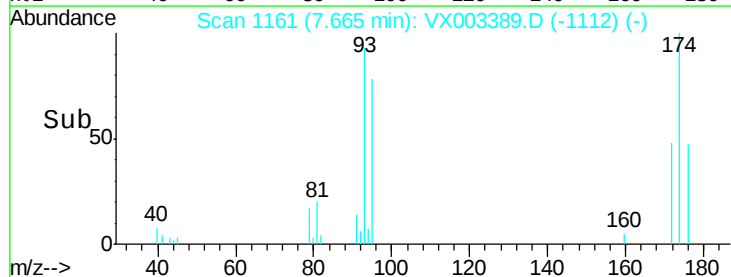
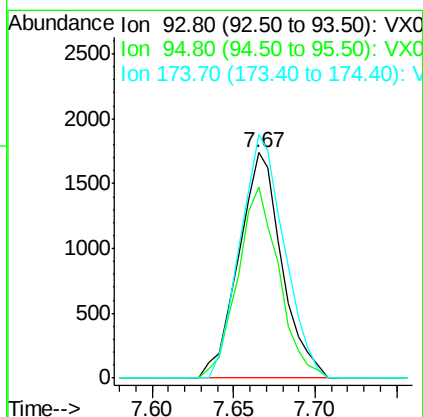
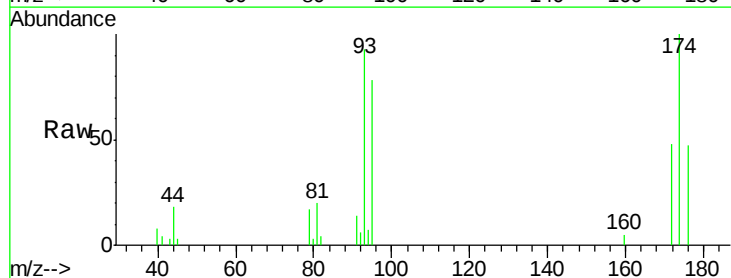
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

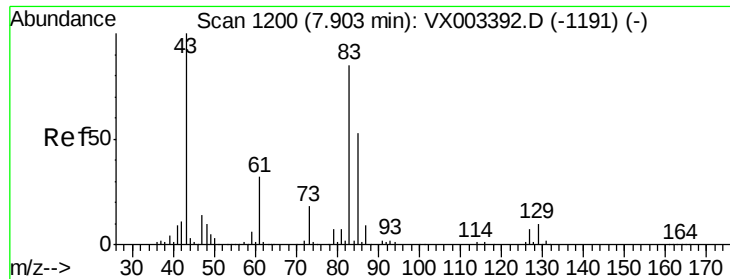
Tgt Ion: 63 Resp: 4678
 Ion Ratio Lower Upper
 63 100
 65 33.5 24.7 37.1



#46
 Dibromomethane
 Concen: 1.120 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 93 Resp: 3203
 Ion Ratio Lower Upper
 93 100
 95 80.9 65.9 98.9
 174 110.4 92.4 138.6





#47

Bromodichloromethane

Concen: 1.008 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

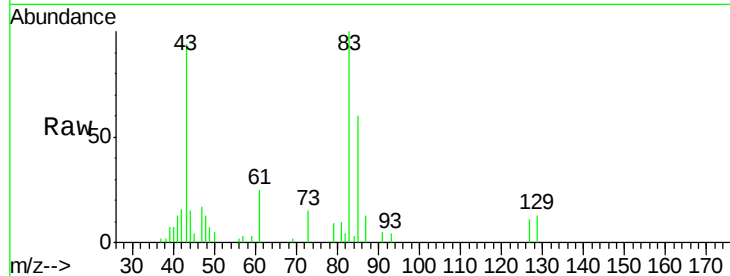
Tgt Ion: 83 Resp: 5278

Ion Ratio Lower Upper

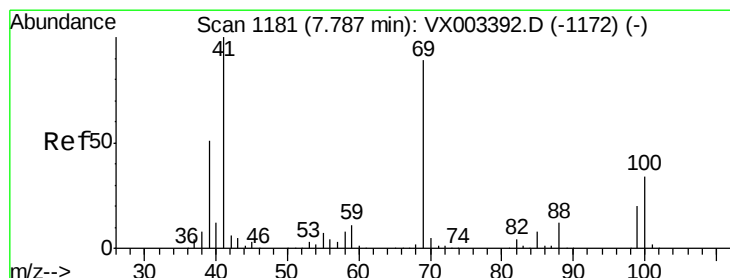
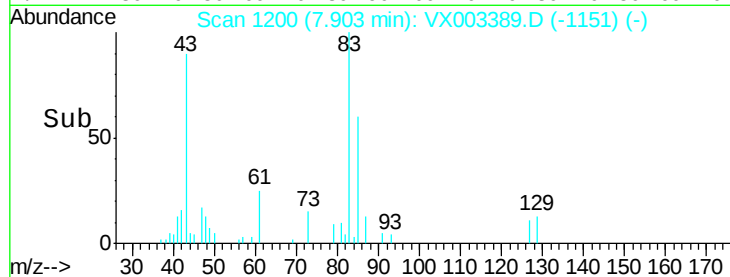
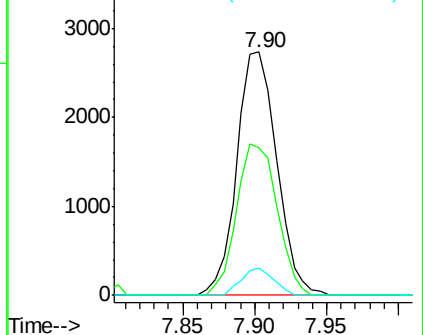
83 100

85 60.4 50.3 75.5

127 11.3 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.982 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

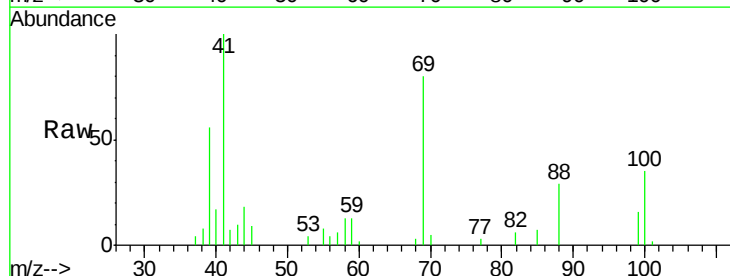
Tgt Ion: 41 Resp: 4623

Ion Ratio Lower Upper

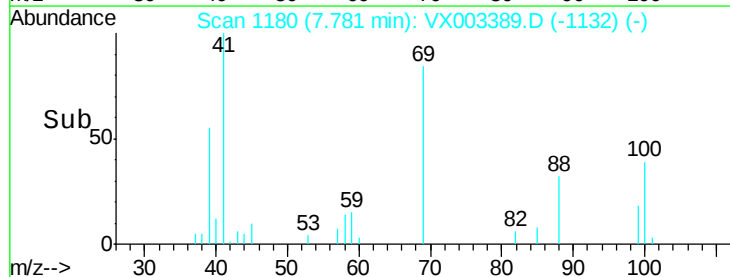
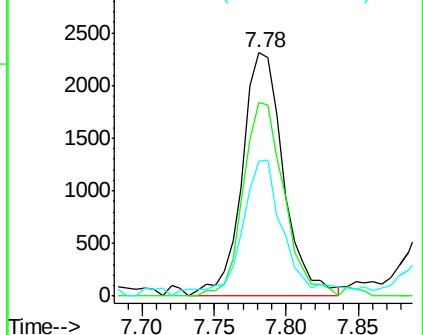
41 100

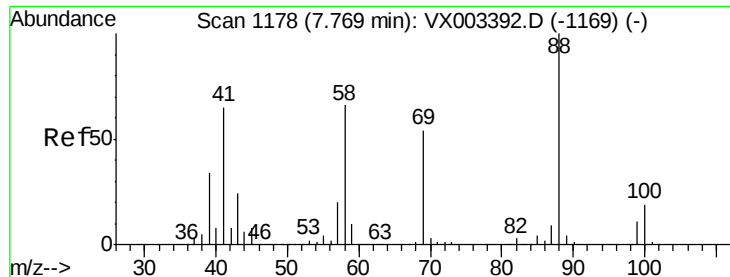
69 78.0 59.1 88.7

39 57.2 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

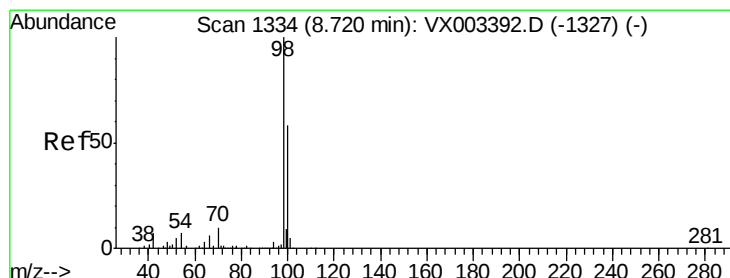
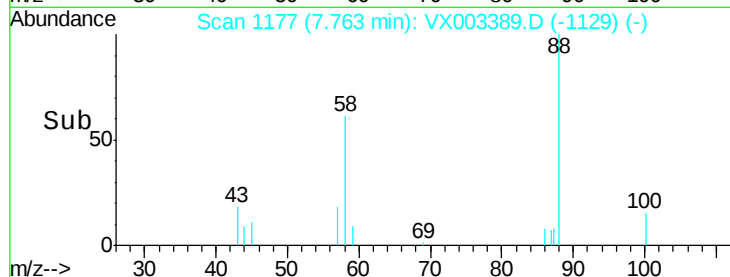
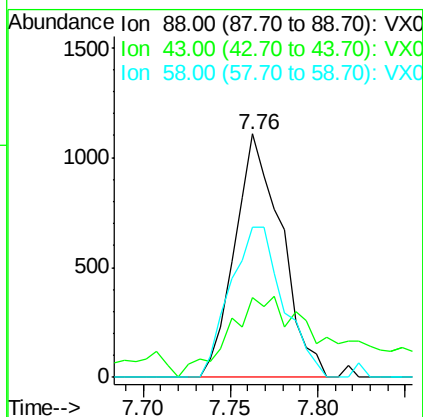
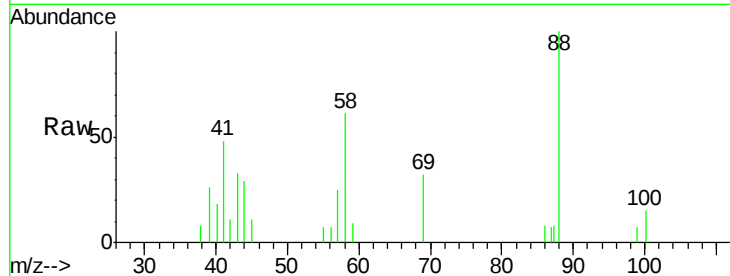




#49
 1,4-Dioxane
 Concen: 19.047 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

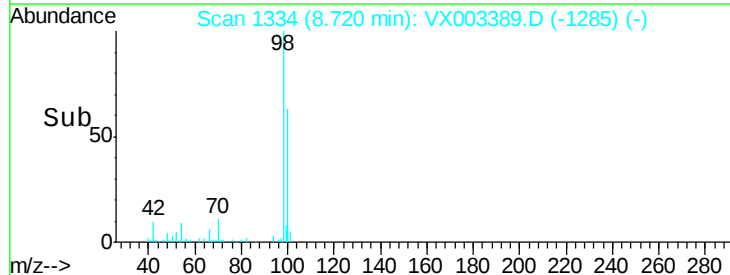
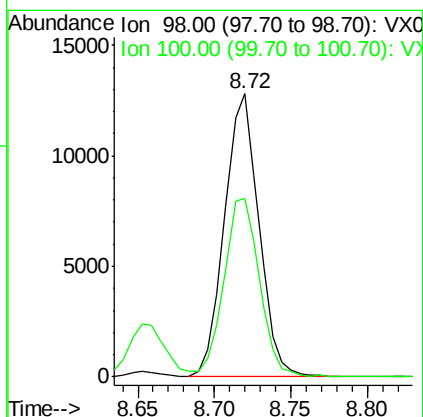
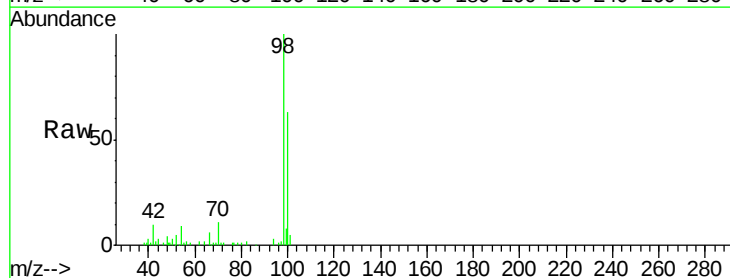
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

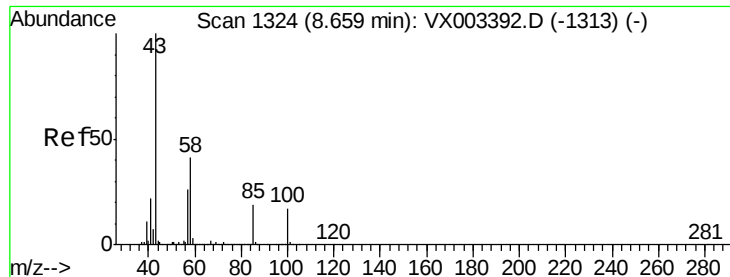
Tgt Ion: 88 Resp: 2054
 Ion Ratio Lower Upper
 88 100
 43 69.4 29.8 44.6#
 58 70.3 57.1 85.7



#50
 Toluene-d8
 Concen: 1.245 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 98 Resp: 19933
 Ion Ratio Lower Upper
 98 100
 100 65.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 4.482 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

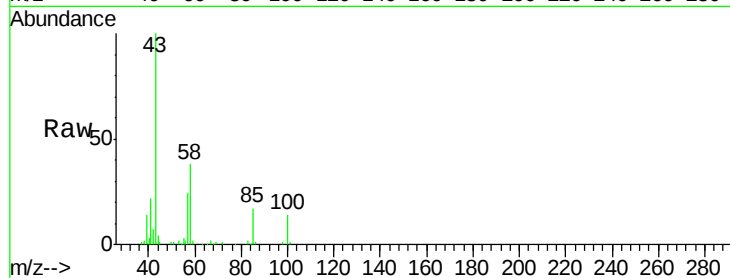
VSTDIC001

Tgt Ion: 43 Resp: 27240

Ion Ratio Lower Upper

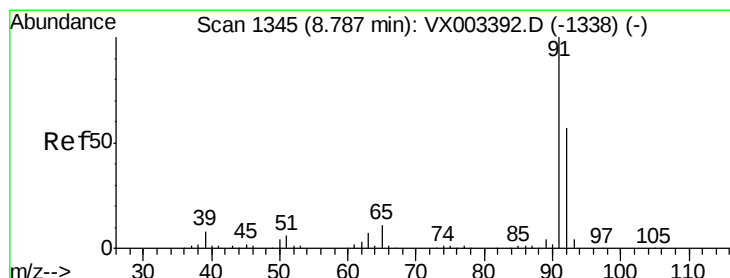
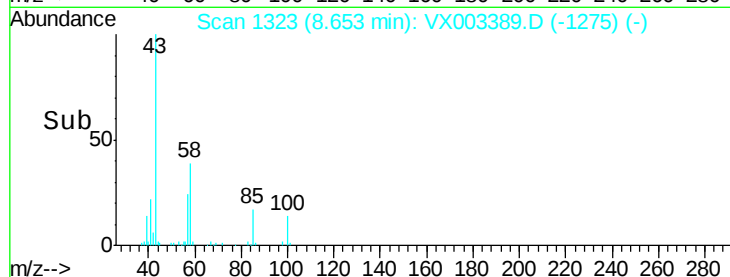
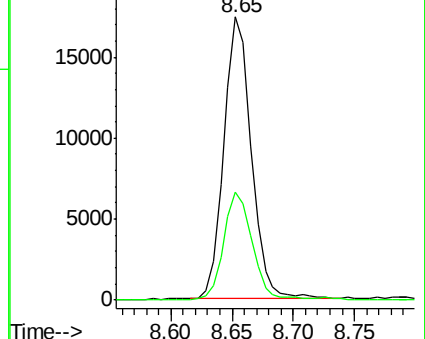
43 100

58 39.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.988 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003389.D

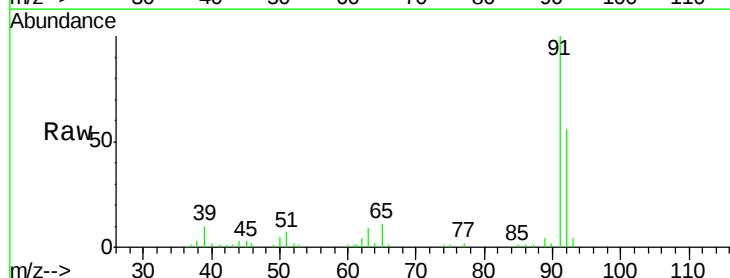
Acq: 16 Jul 2018 10:27

Tgt Ion: 92 Resp: 10221

Ion Ratio Lower Upper

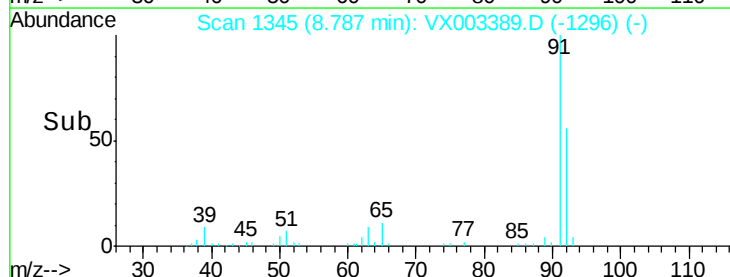
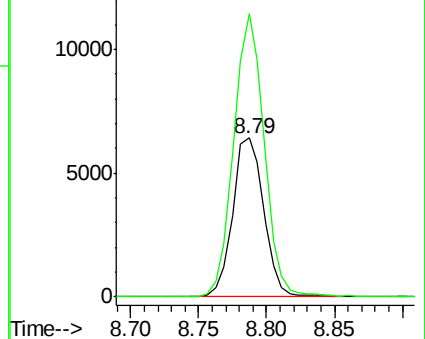
92 100

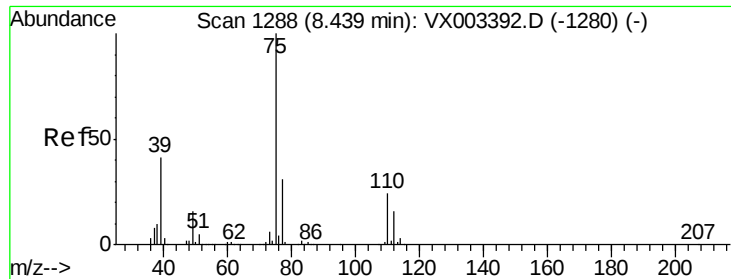
91 174.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

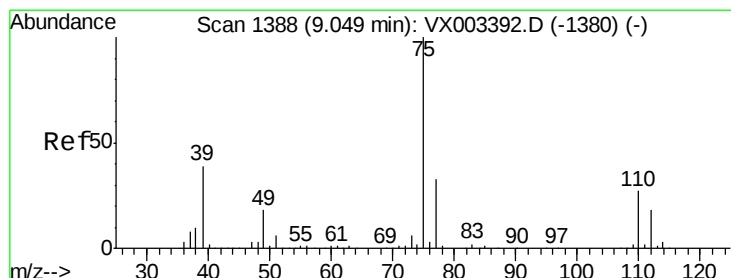
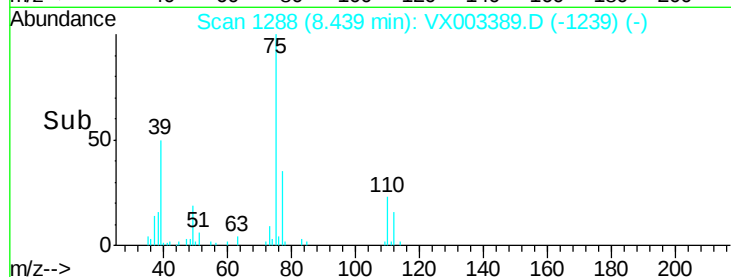
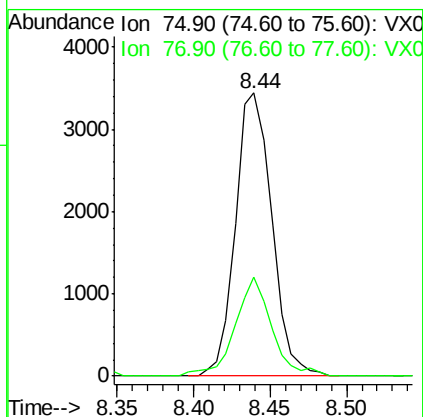
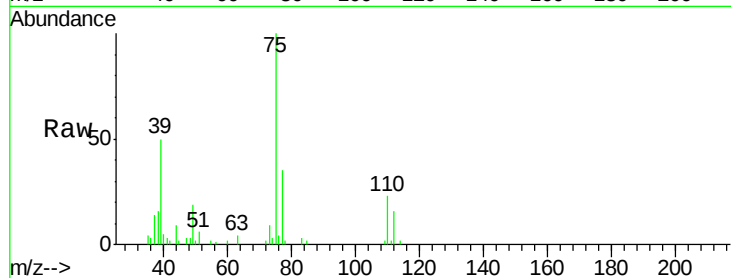




#53
 t-1,3-Dichloropropene
 Concen: 0.918 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

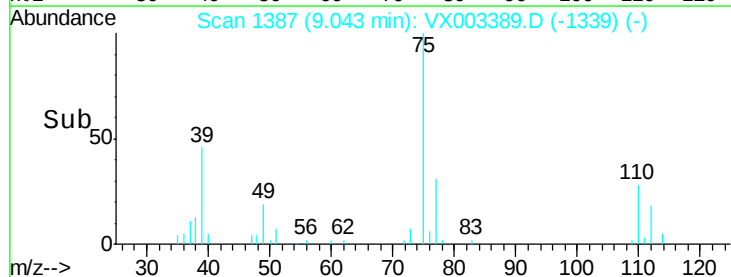
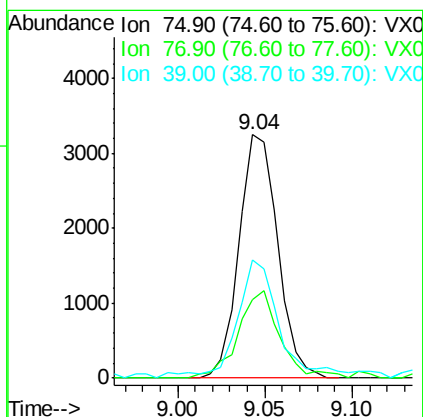
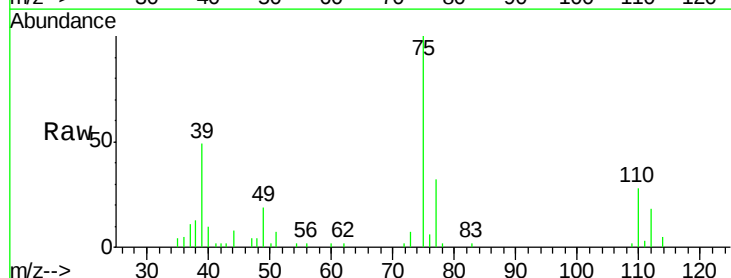
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

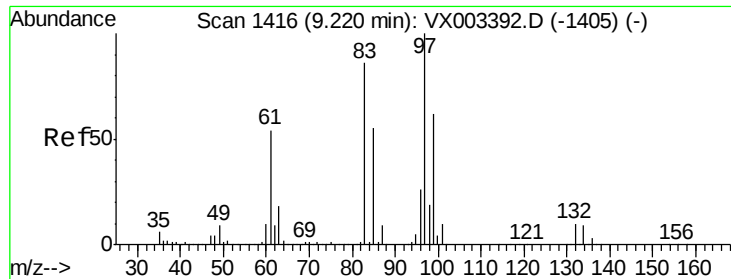
Tgt Ion: 75 Resp: 5680
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 0.886 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 75 Resp: 4999
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.8 37.2
 39 46.3 42.4 63.6

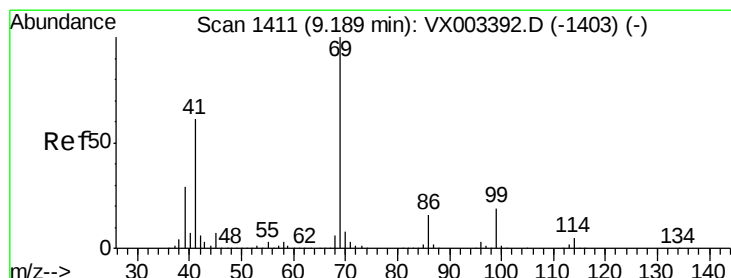
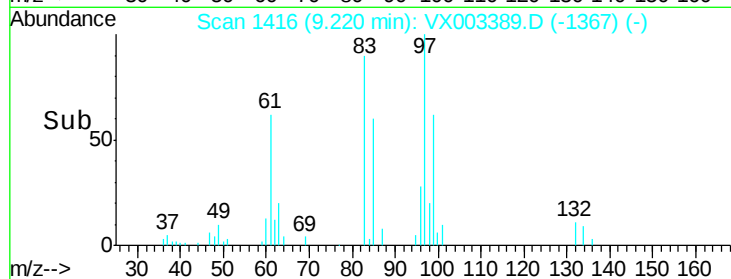
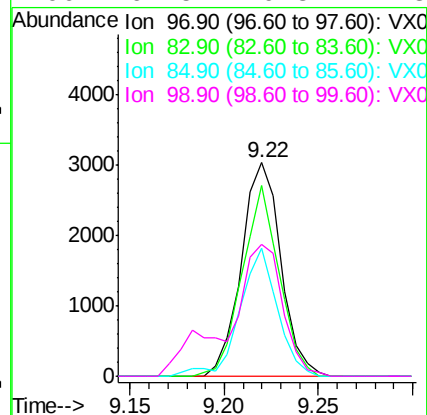
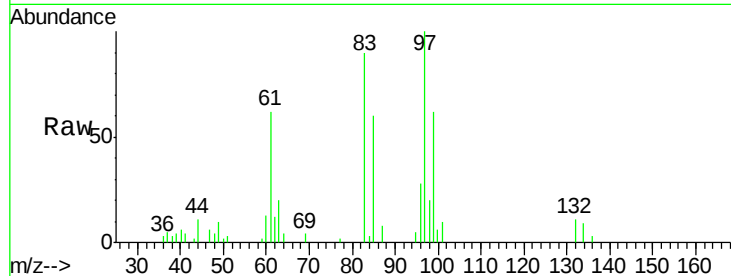




#55
 1,1,2-Trichloroethane
 Concen: 1.020 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

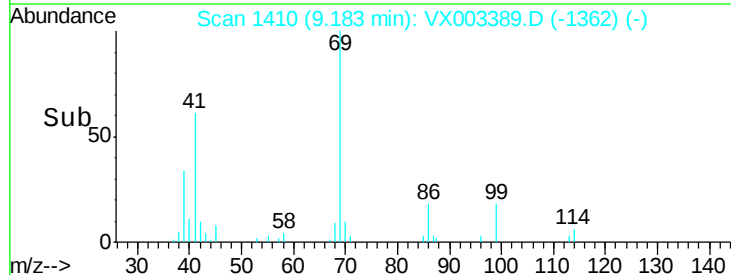
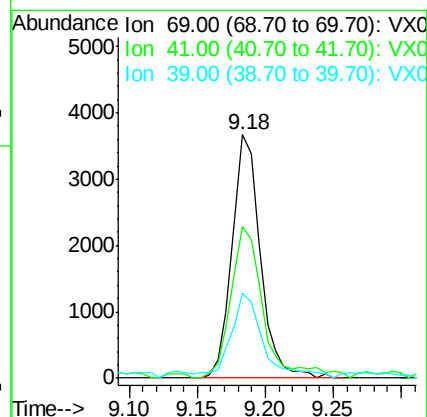
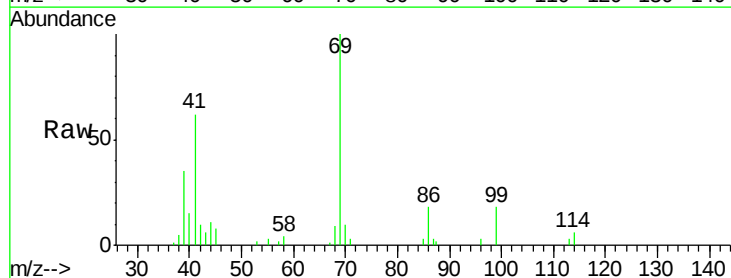
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

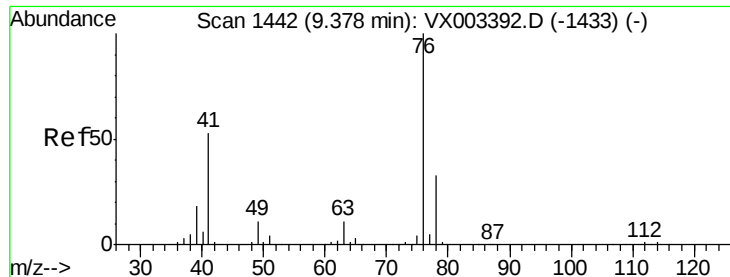
Tgt Ion:	97	Resp:	4406
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.2	105.2
85	60.2	44.9	67.3
99	61.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 0.872 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion:	69	Resp:	5332
Ion	Ratio	Lower	Upper
69	100		
41	66.4	60.3	90.5
39	40.2	35.8	53.8

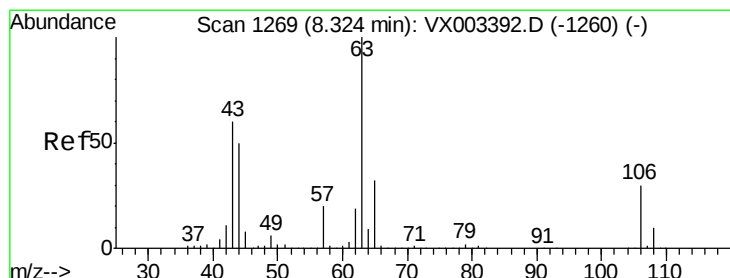
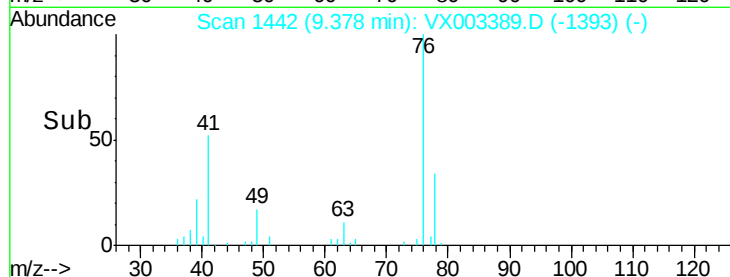
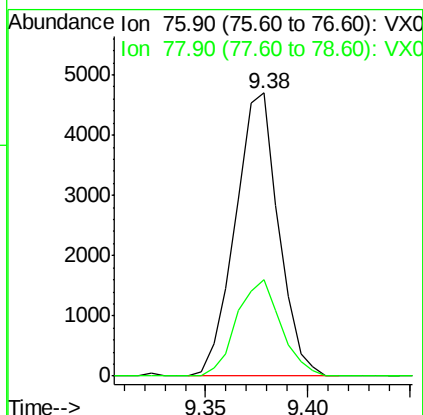
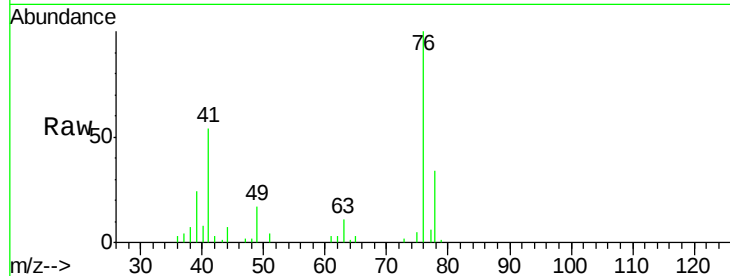




#57
 1,3-Dichloropropane
 Concen: 0.996 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

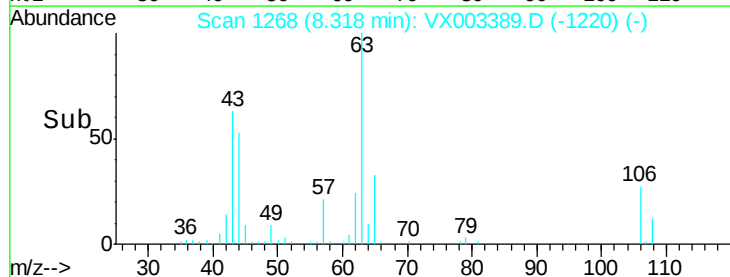
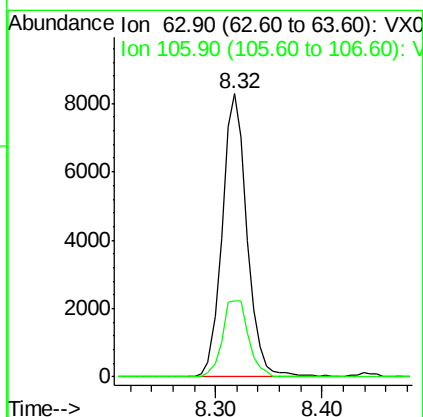
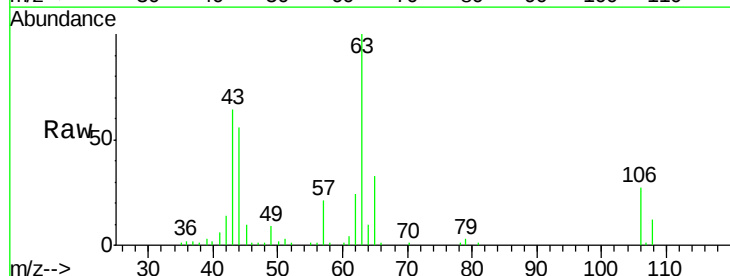
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

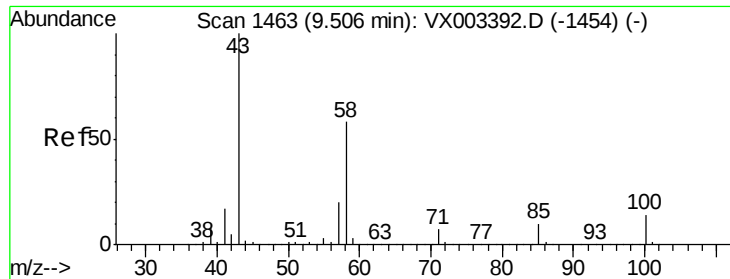
Tgt Ion: 76 Resp: 6912
 Ion Ratio Lower Upper
 76 100
 78 34.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.398 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 63 Resp: 13490
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

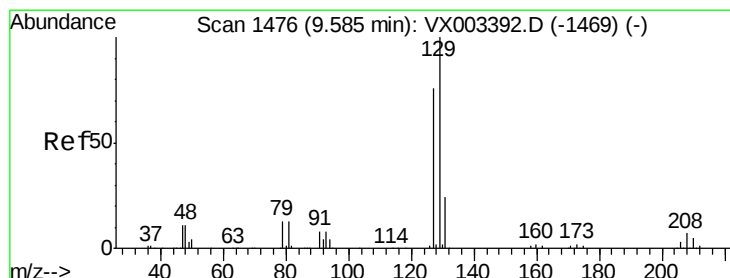
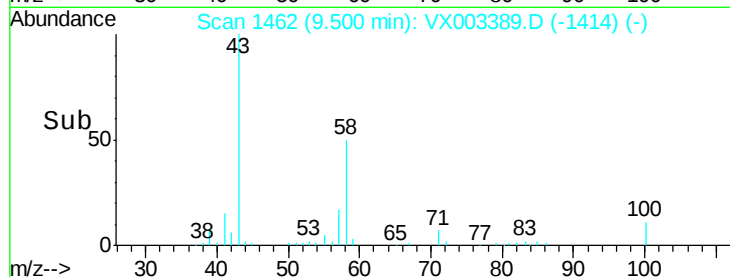
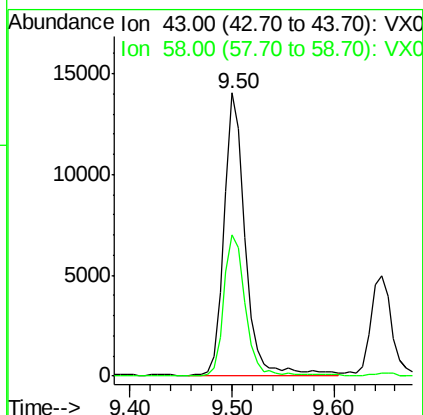
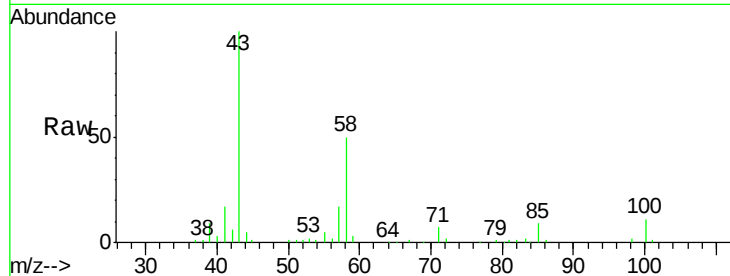




#59
2-Hexanone
Concen: 4.381 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

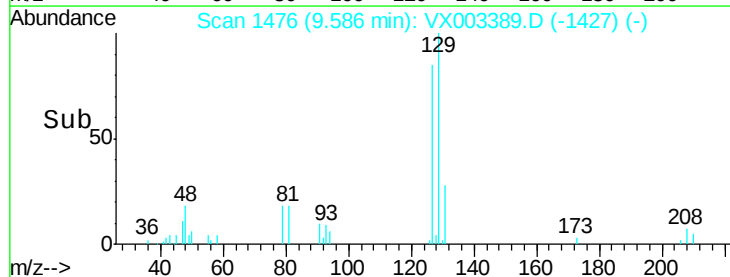
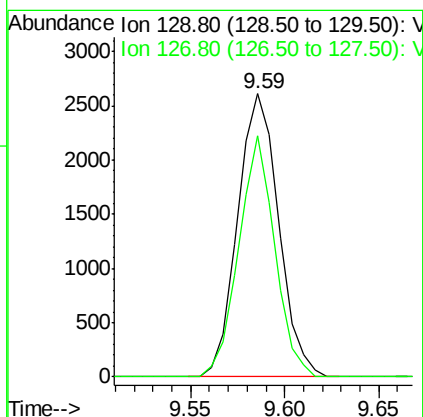
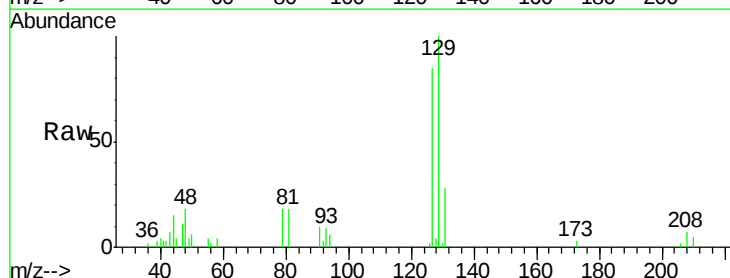
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

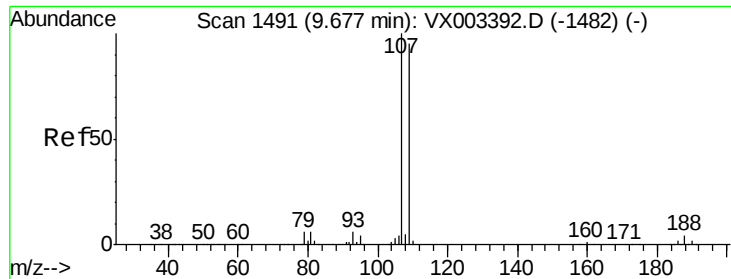
Tgt Ion: 43 Resp: 20456
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6



#60
Dibromochloromethane
Concen: 0.918 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 129 Resp: 3940
Ion Ratio Lower Upper
129 100
127 74.6 38.5 115.3

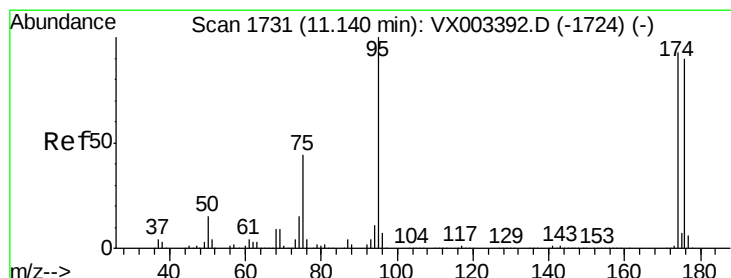
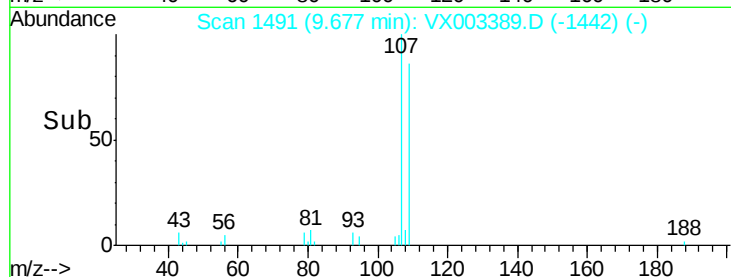
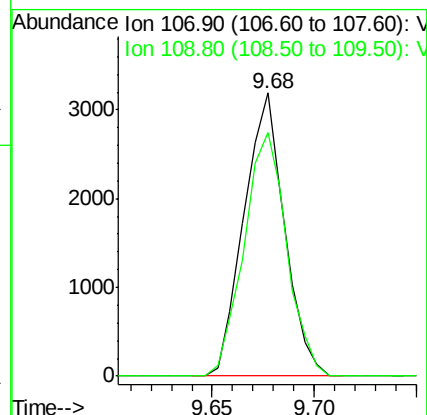
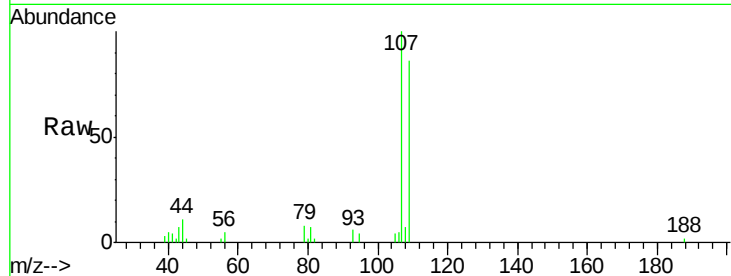




#61
 1,2-Dibromoethane
 Concen: 0.989 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

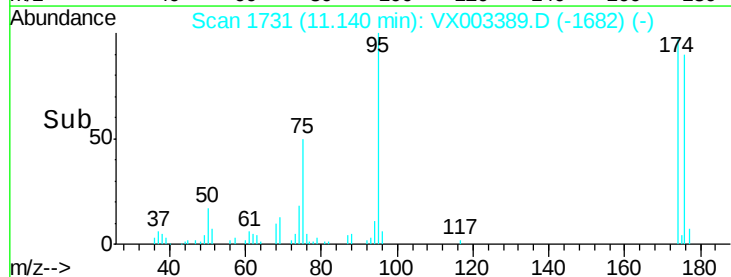
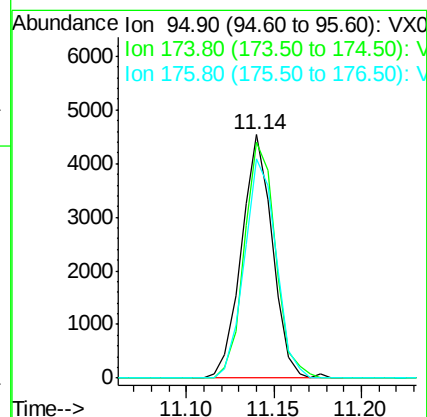
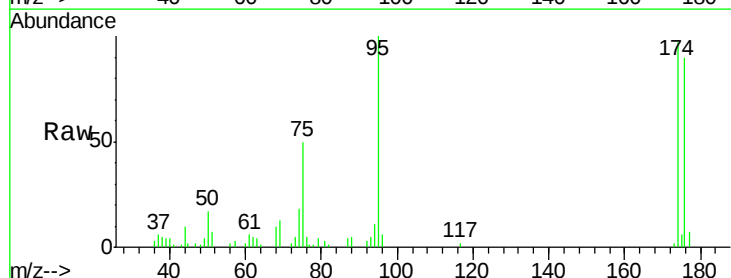
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

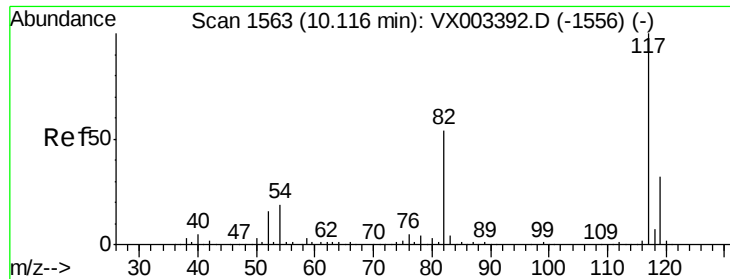
Tgt Ion: 107 Resp: 4404
 Ion Ratio Lower Upper
 107 100
 109 90.3 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 0.976 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 95 Resp: 5579
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 187.4
 176 91.9 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

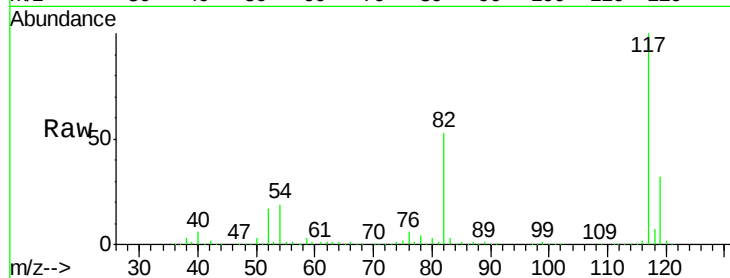
Tgt Ion:117 Resp: 492319

Ion Ratio Lower Upper

117 100

82 53.1 45.0 67.4

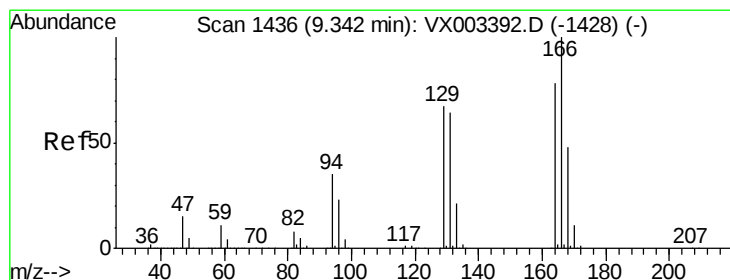
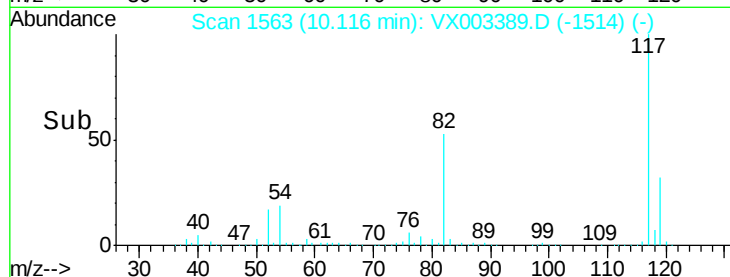
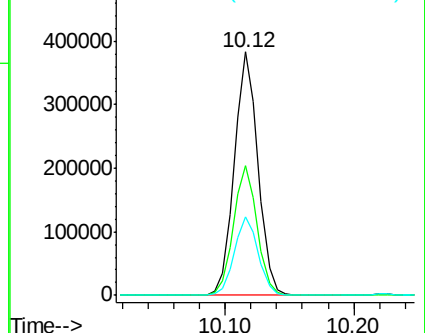
119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.059 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion:164 Resp: 5456

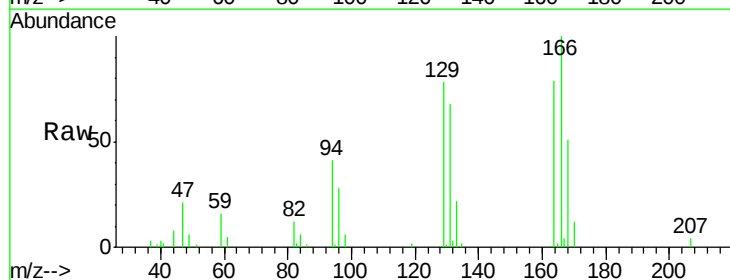
Ion Ratio Lower Upper

164 100

166 127.0 102.9 154.3

129 98.7 68.6 102.8

131 86.7 66.8 100.2

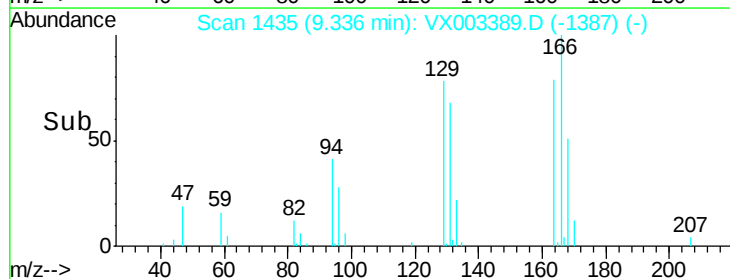
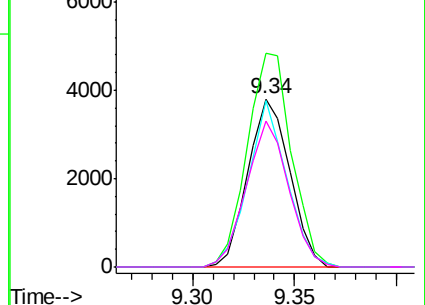


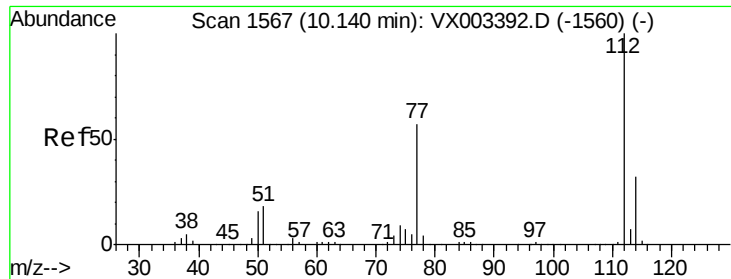
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.066 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

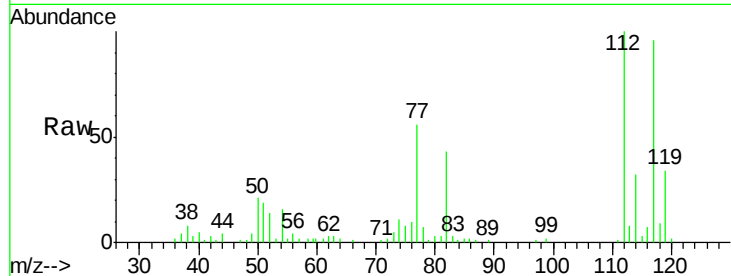
VSTDIC001

Tgt Ion:112 Resp: 12402

Ion Ratio Lower Upper

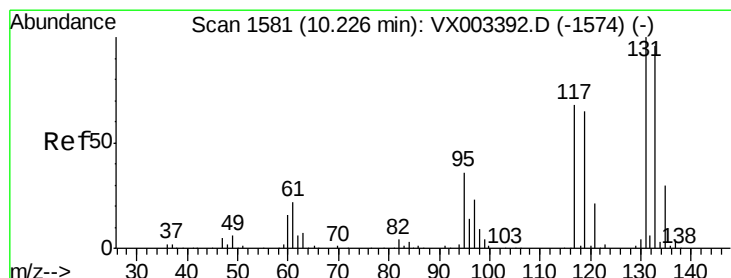
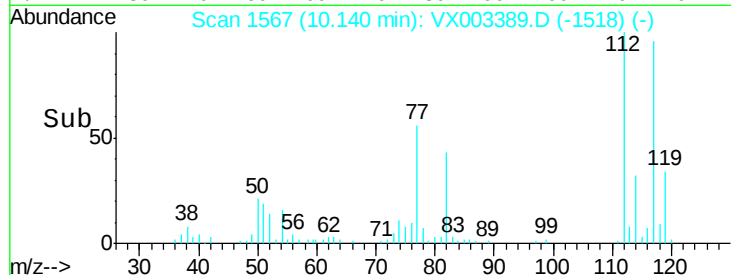
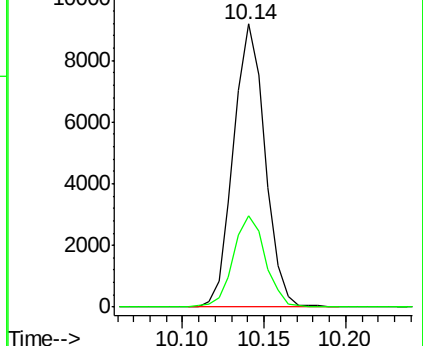
112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.981 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

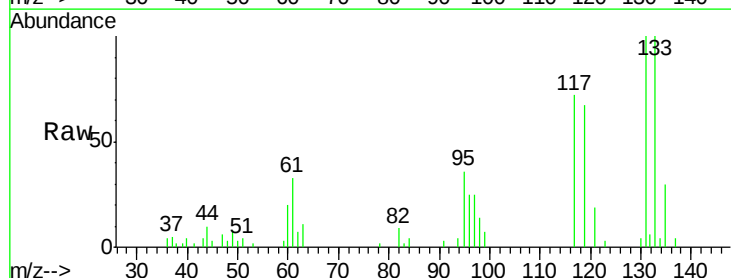
Tgt Ion:131 Resp: 4056

Ion Ratio Lower Upper

131 100

133 96.8 47.9 143.6

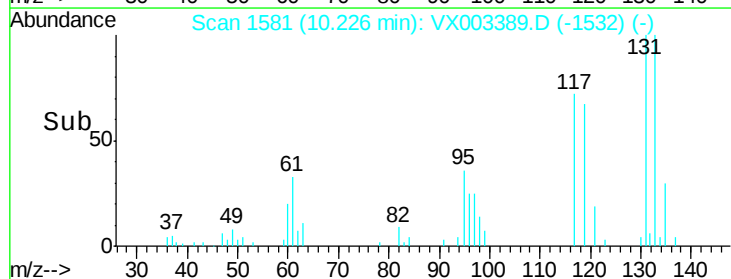
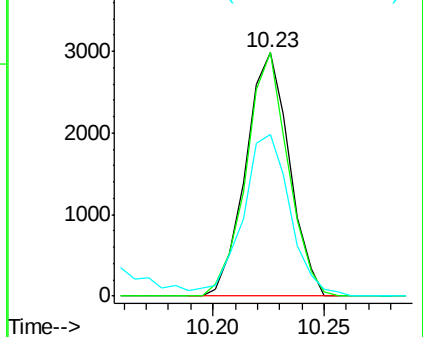
119 0.0 31.8 95.3#

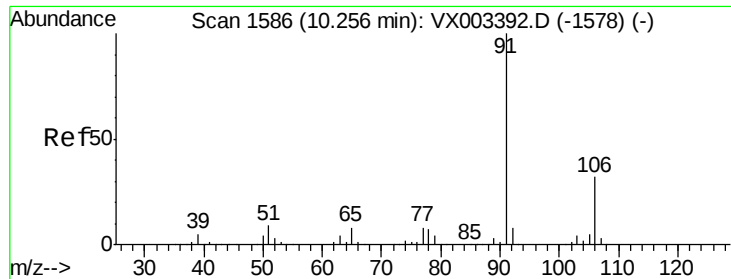


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

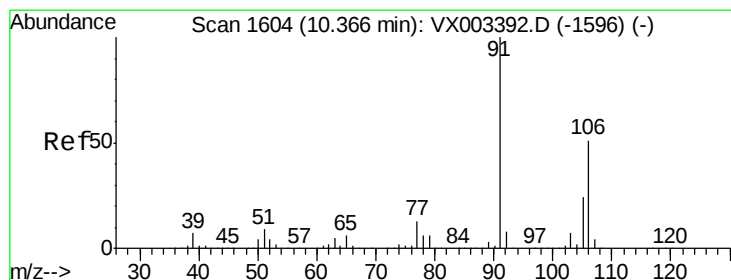
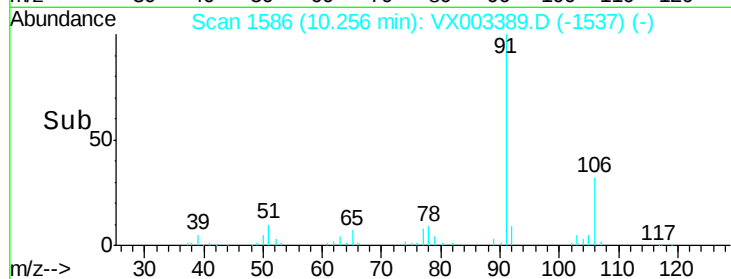
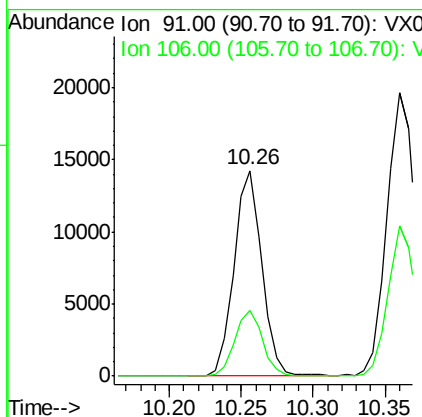
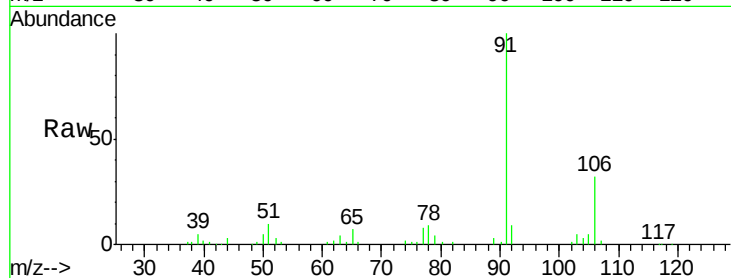




#67
Ethyl Benzene
Concen: 1.014 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

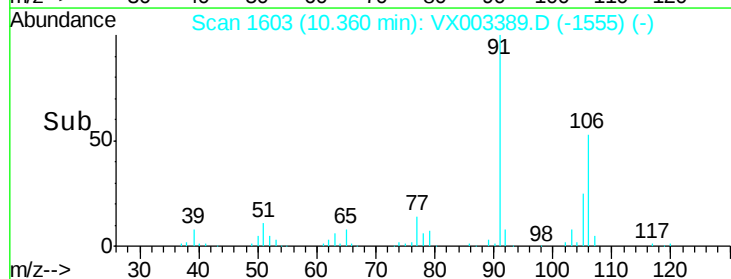
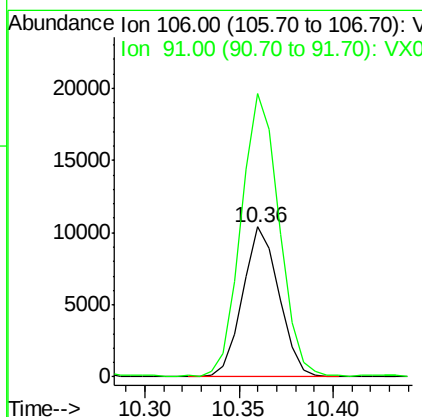
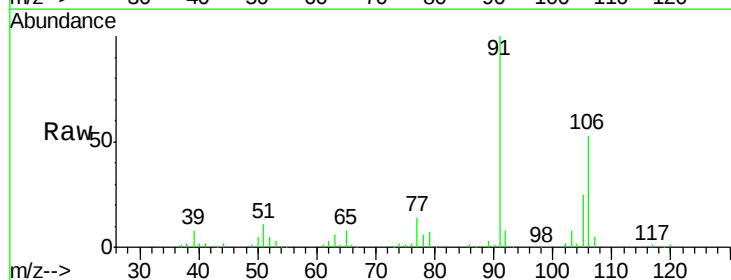
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

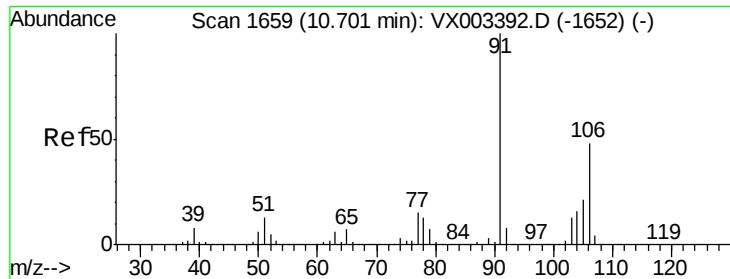
Tgt Ion: 91 Resp: 19277
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 1.895 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 106 Resp: 13934
Ion Ratio Lower Upper
106 100
91 196.2 163.4 245.2

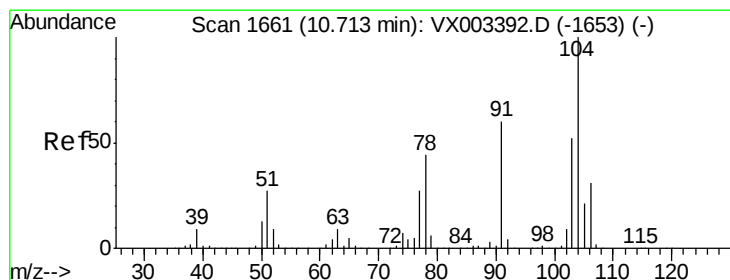
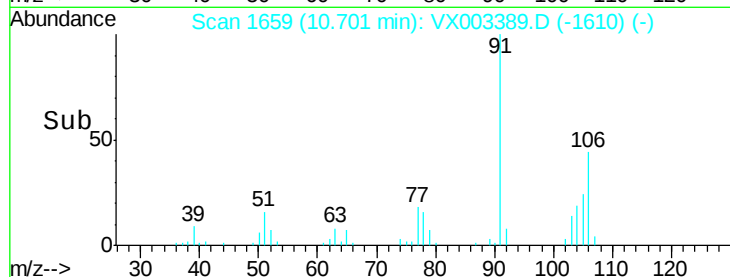
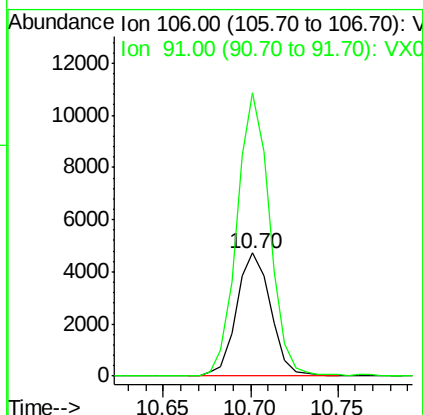
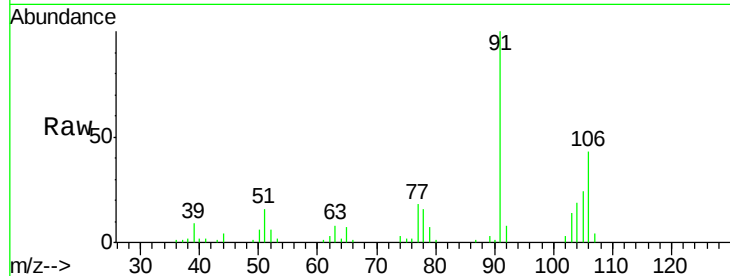




#69
o-Xylene
Concen: 0.912 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

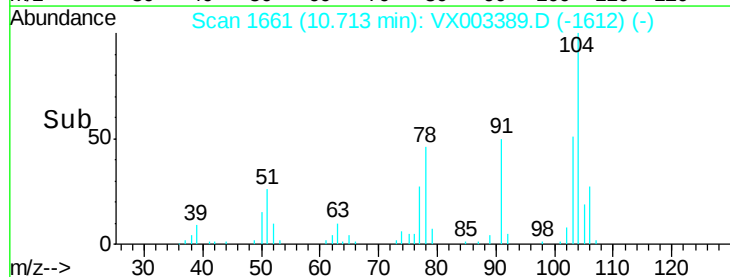
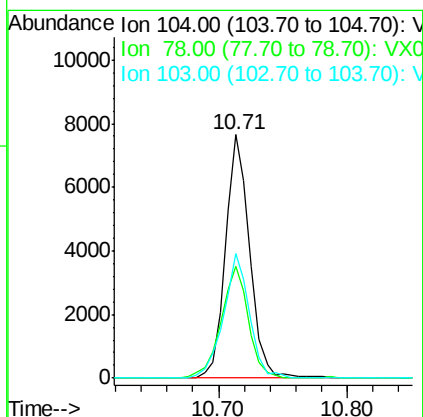
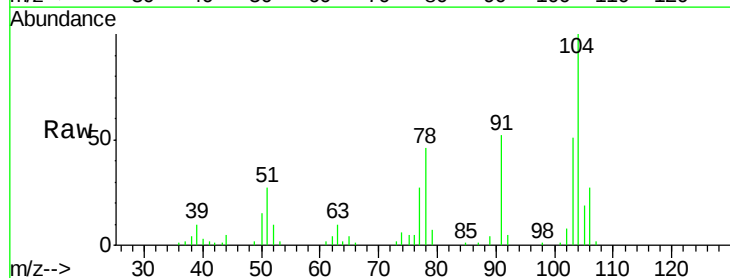
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

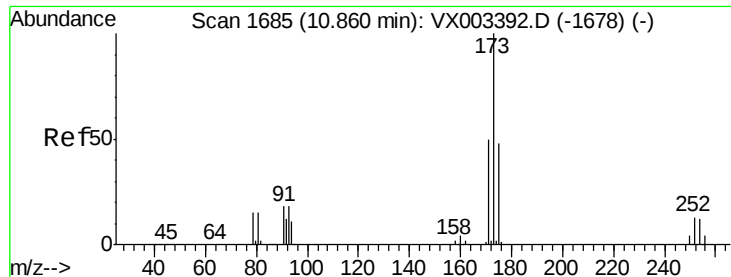
Tgt Ion:106 Resp: 6441
Ion Ratio Lower Upper
106 100
91 218.9 108.2 324.6



#70
Styrene
Concen: 0.868 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion:104 Resp: 10084
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.6
103 54.8 44.2 66.4

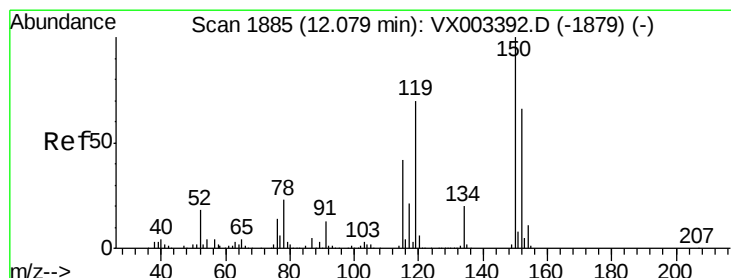
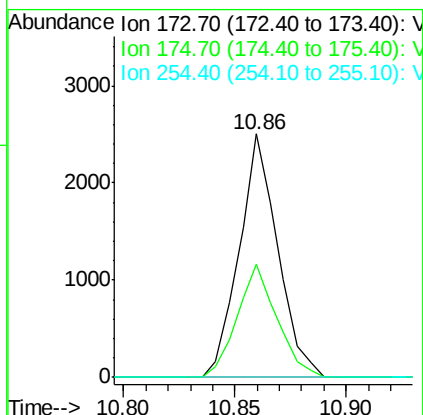
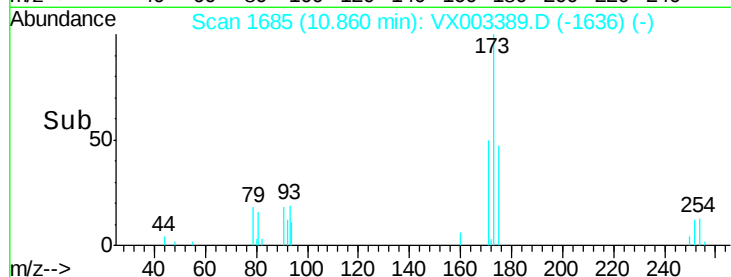
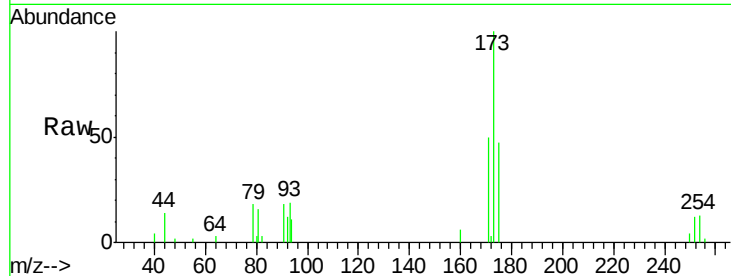




#71
Bromoform
Concen: 0.910 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

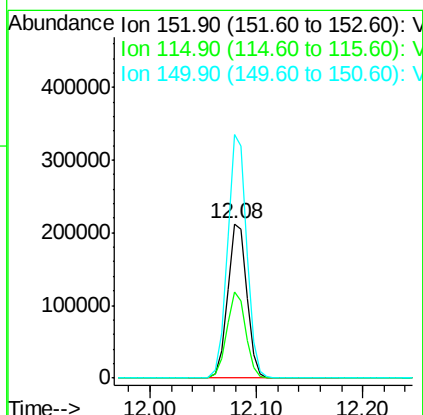
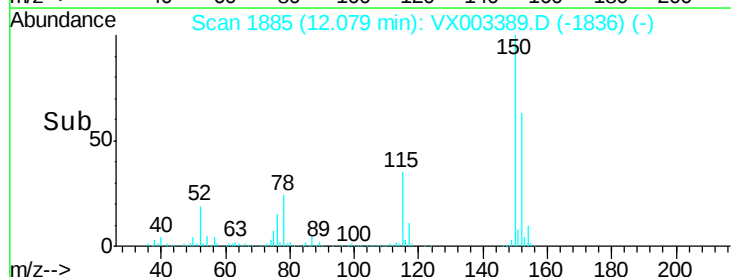
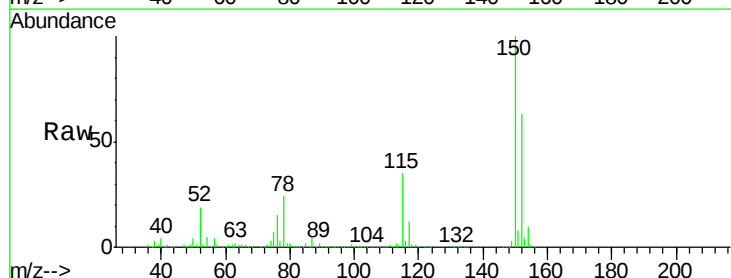
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

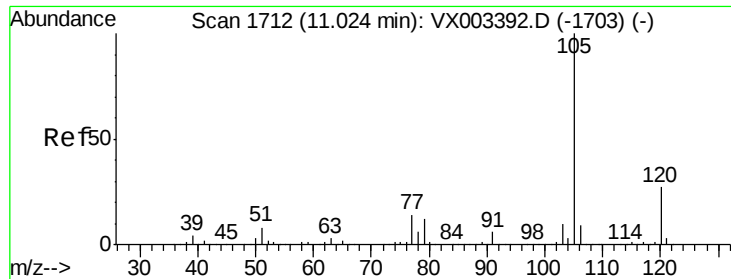
Tgt Ion:173 Resp: 3025
Ion Ratio Lower Upper
173 100
175 47.9 24.7 74.1
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion:152 Resp: 269097
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 157.1 0.0 347.2





#73

Isopropylbenzene

Concen: 0.957 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

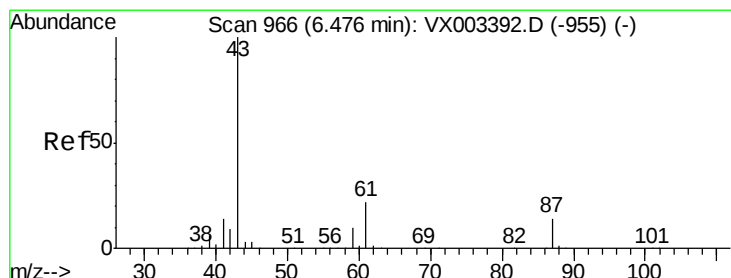
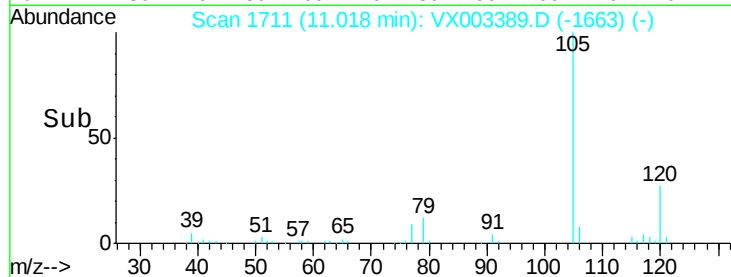
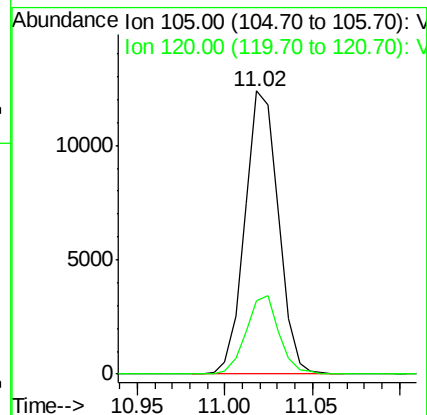
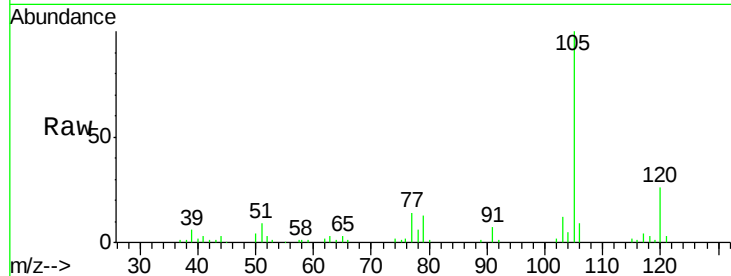
VSTDIC001

Tgt Ion:105 Resp: 16491

Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.4



#74

N-ethyl acetate

Concen: 1.126 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Tgt Ion: 43 Resp: 9330

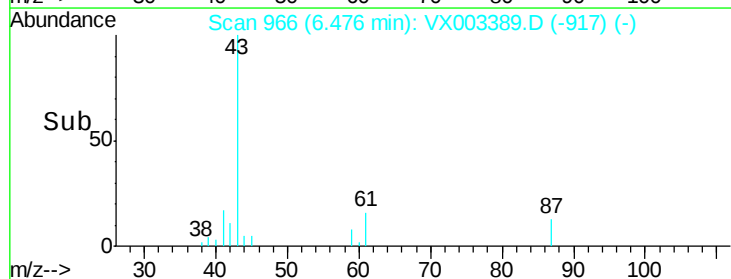
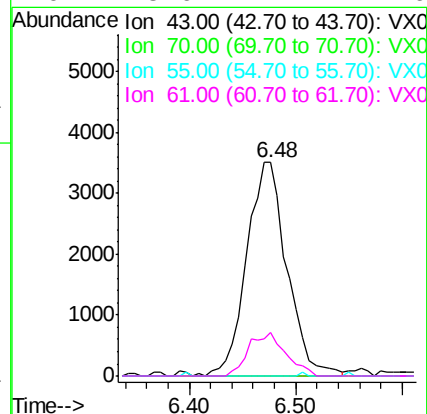
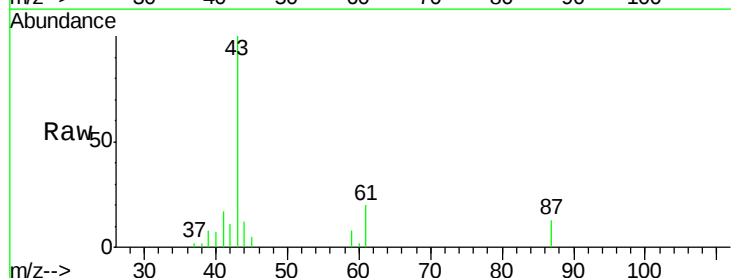
Ion Ratio Lower Upper

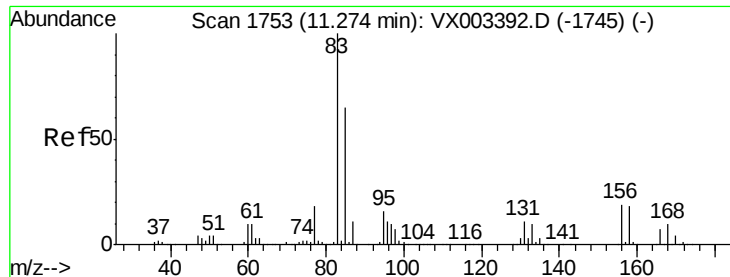
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.035 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

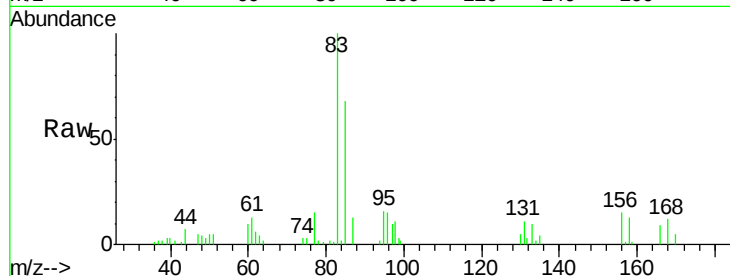
Tgt Ion: 83 Resp: 5886

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

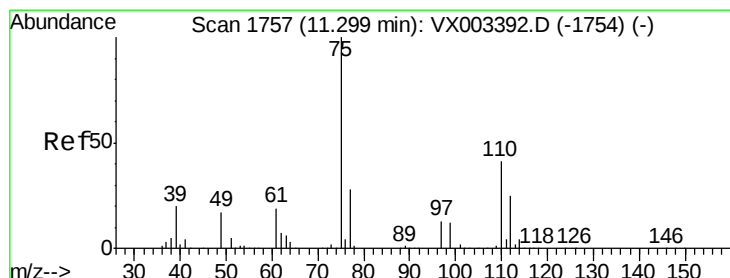
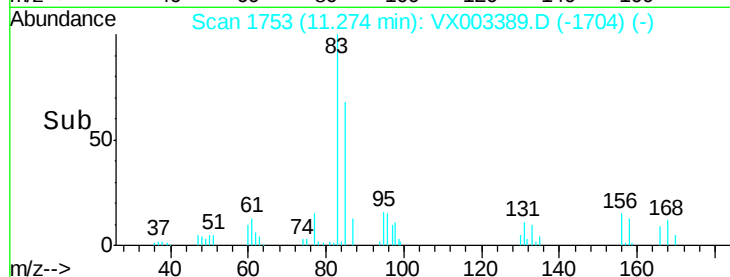
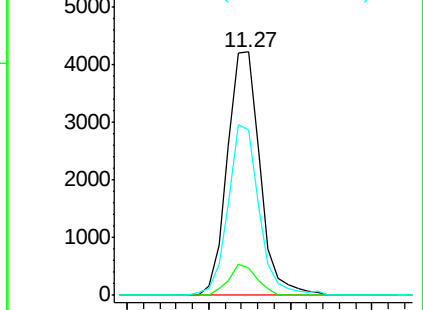
85 66.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.366 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003389.D

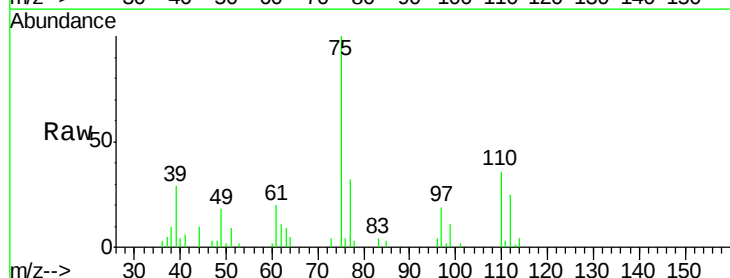
Acq: 16 Jul 2018 10:27

Tgt Ion: 75 Resp: 6656

Ion Ratio Lower Upper

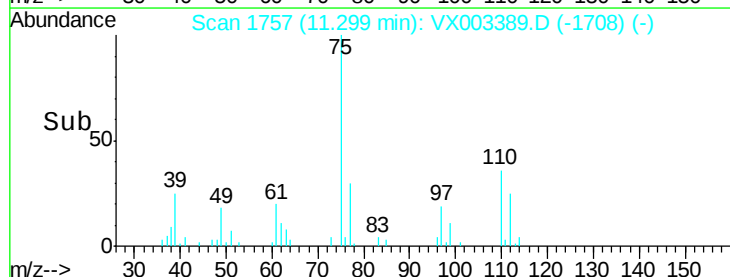
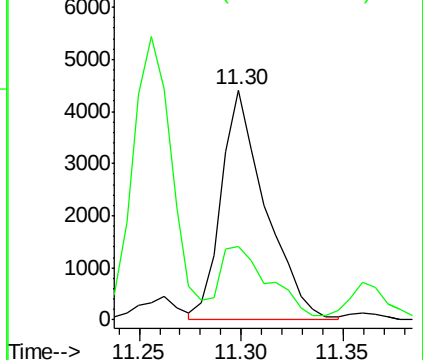
75 100

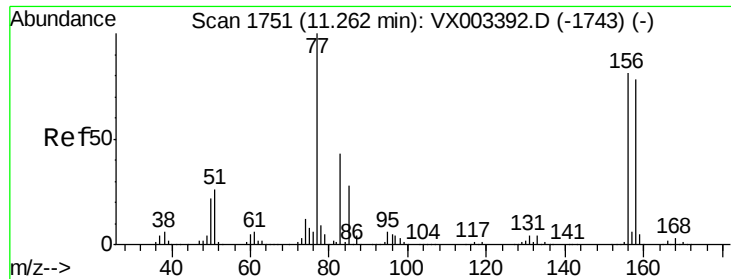
77 36.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.042 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

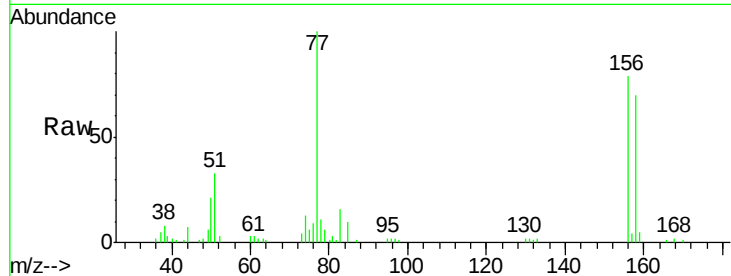
Tgt Ion:156 Resp: 5098

Ion Ratio Lower Upper

156 100

77 142.2 71.4 214.2

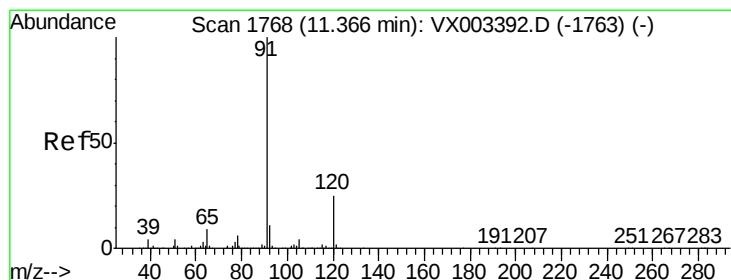
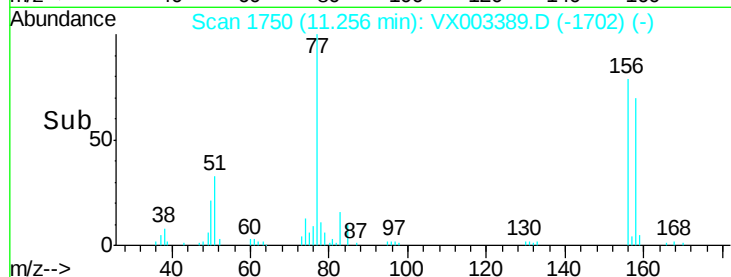
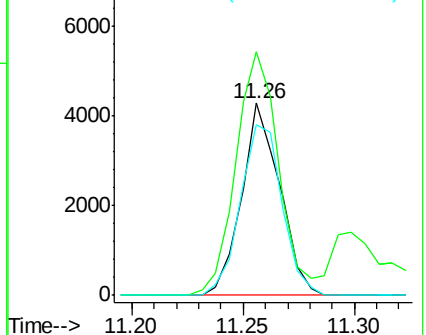
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.948 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003389.D

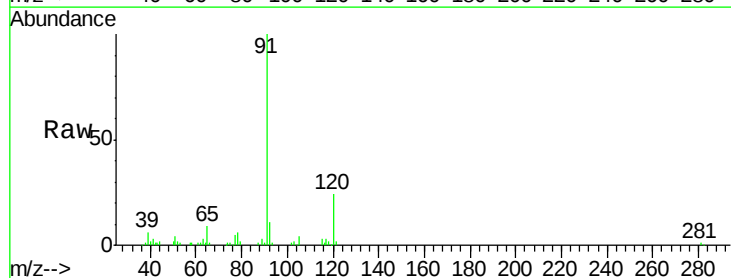
Acq: 16 Jul 2018 10:27

Tgt Ion: 91 Resp: 18253

Ion Ratio Lower Upper

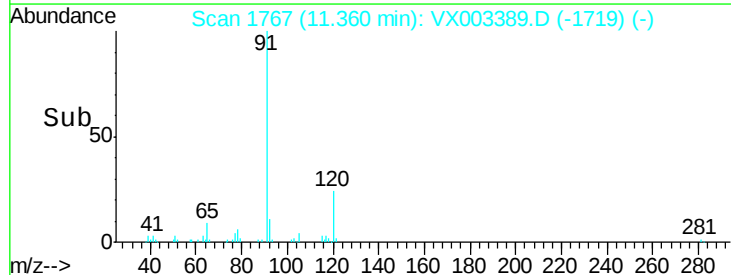
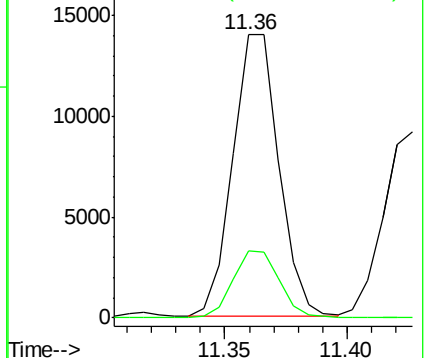
91 100

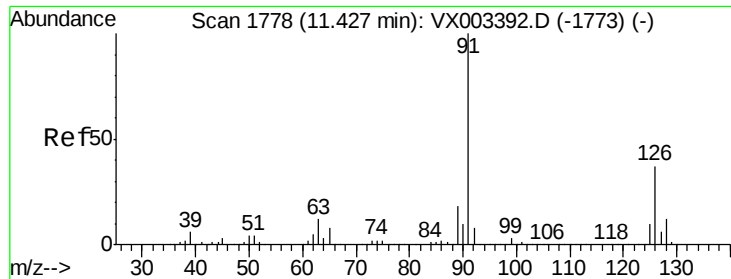
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

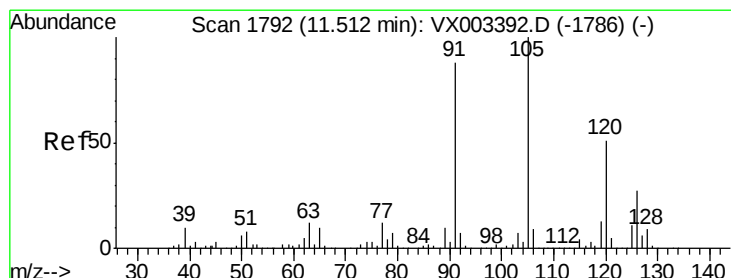
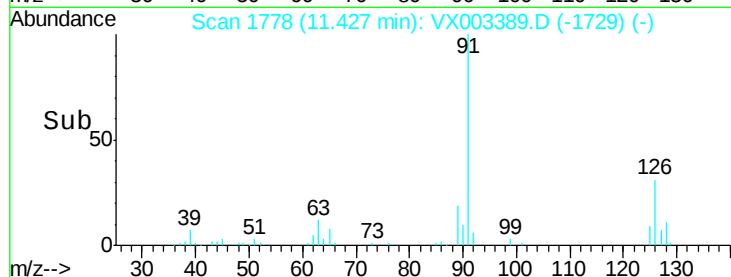
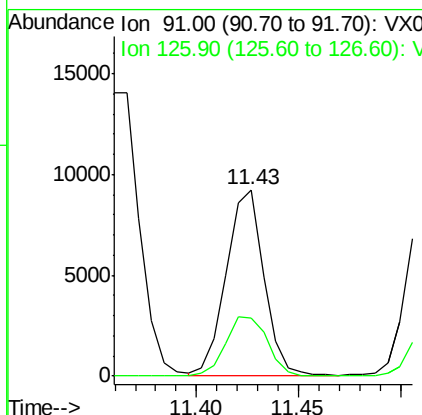
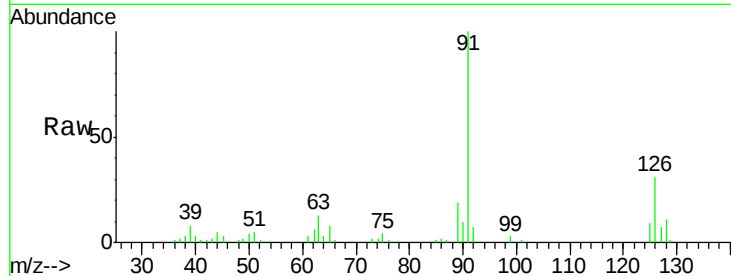




#79
 2-Chlorotoluene
 Concen: 1.009 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

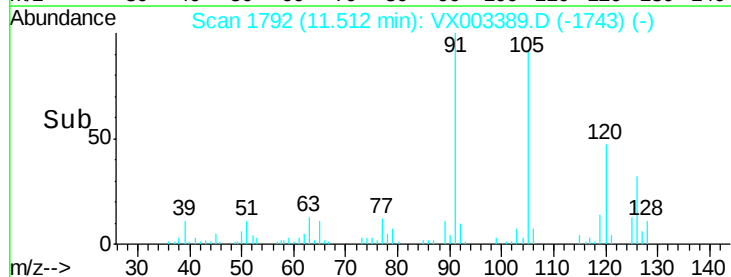
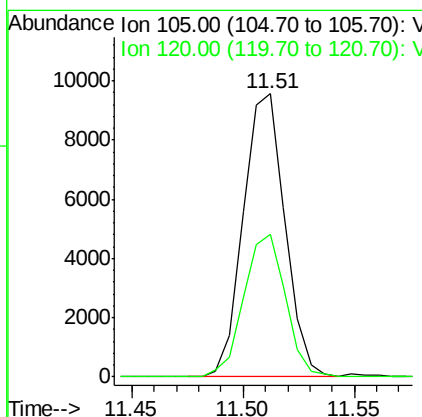
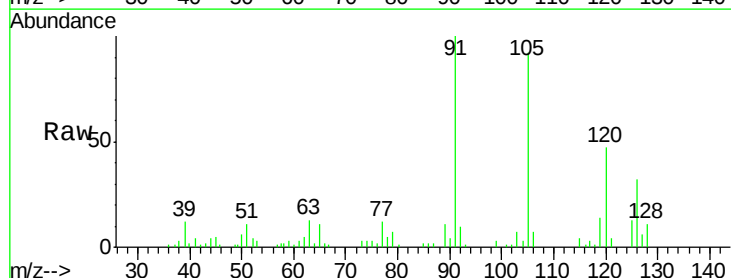
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

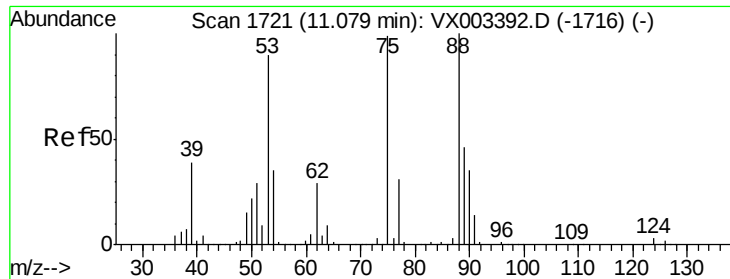
Tgt Ion: 91 Resp: 11909
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 0.889 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 105 Resp: 12515
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.824 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

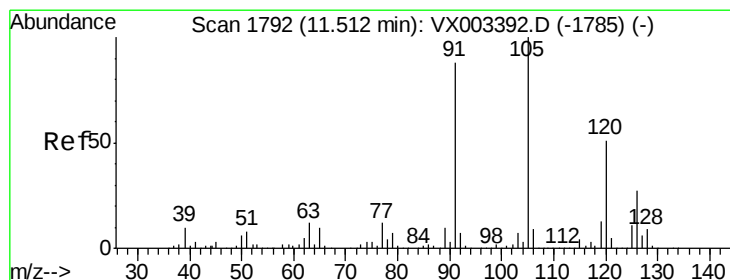
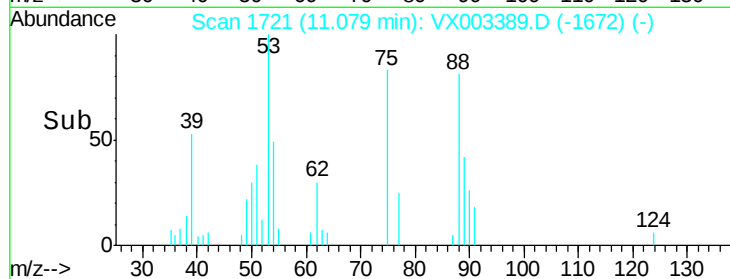
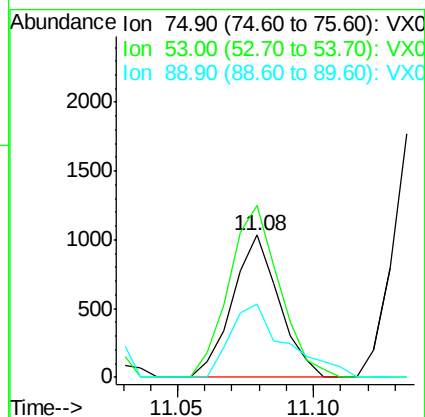
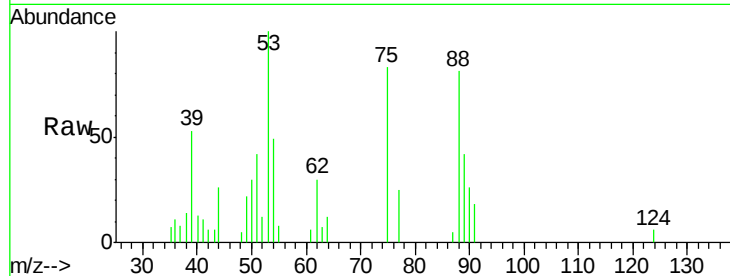
Tgt Ion: 75 Resp: 1235

Ion Ratio Lower Upper

75 100

53 130.6 86.8 130.2#

89 61.1 38.2 57.2#



#82

4-Chlorotoluene

Concen: 1.004 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003389.D

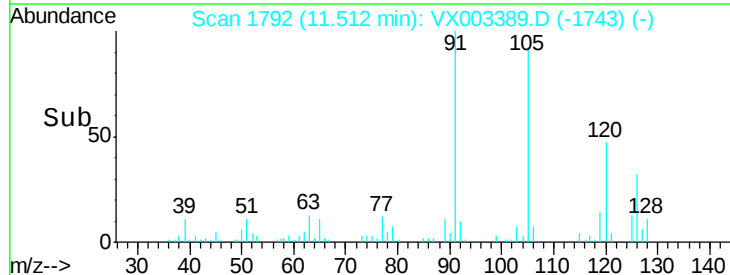
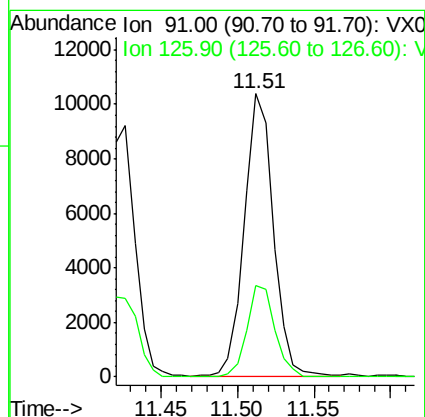
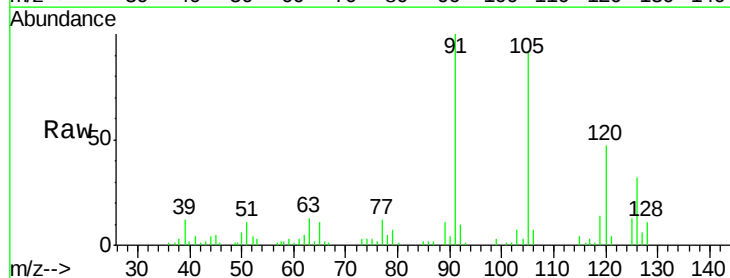
Acq: 16 Jul 2018 10:27

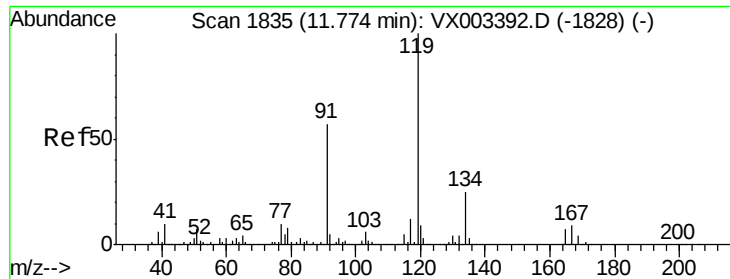
Tgt Ion: 91 Resp: 13821

Ion Ratio Lower Upper

91 100

126 30.4 15.4 46.4

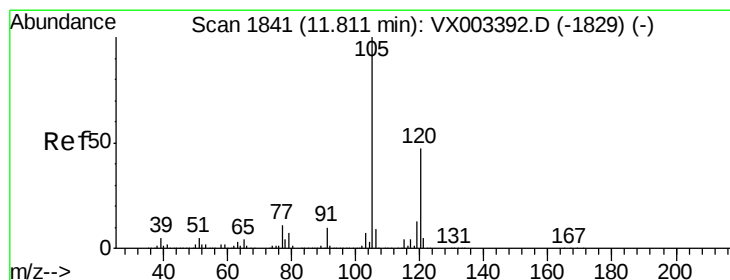
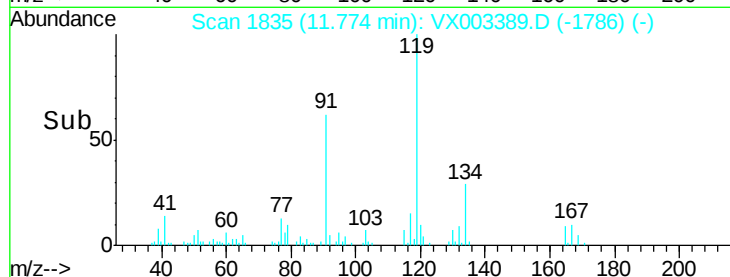
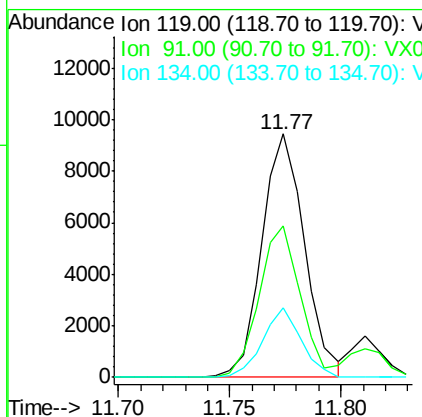
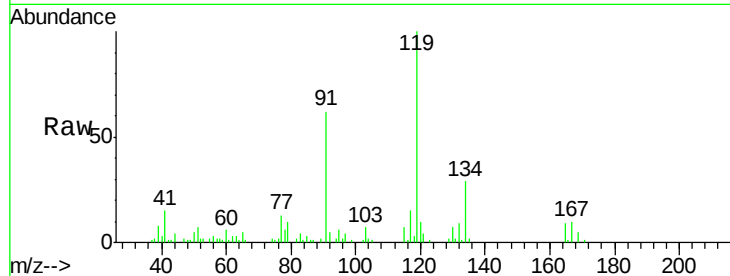




#83
 tert-Butylbenzene
 Concen: 0.914 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

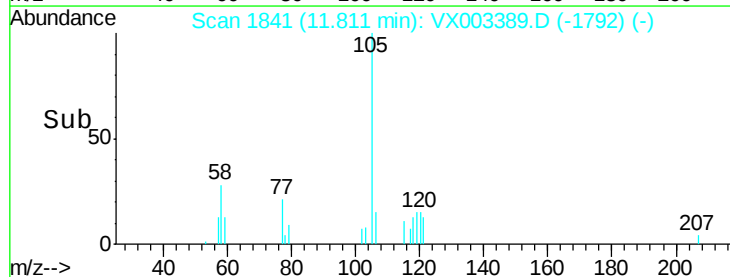
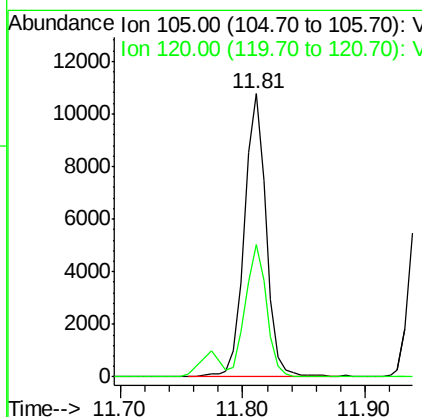
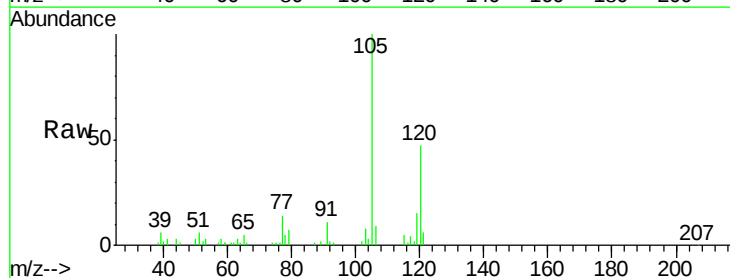
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

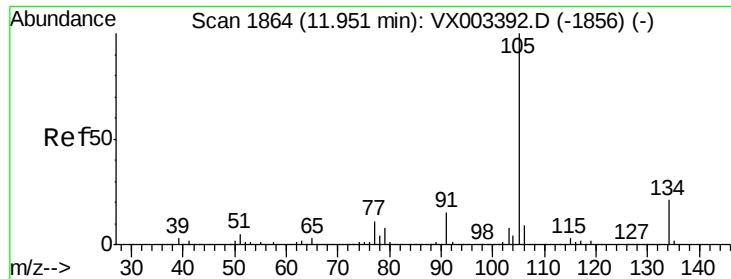
Tgt Ion:119 Resp: 12575
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.3 90.9
 134 25.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.914 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion:105 Resp: 13213
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.3 66.8

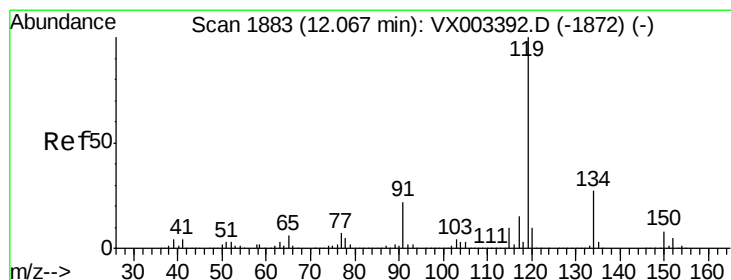
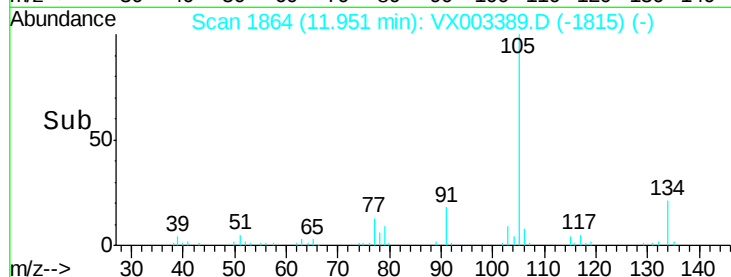
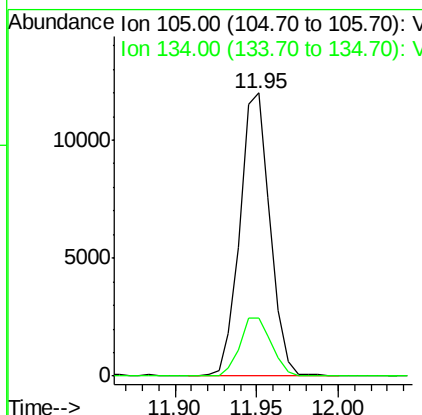
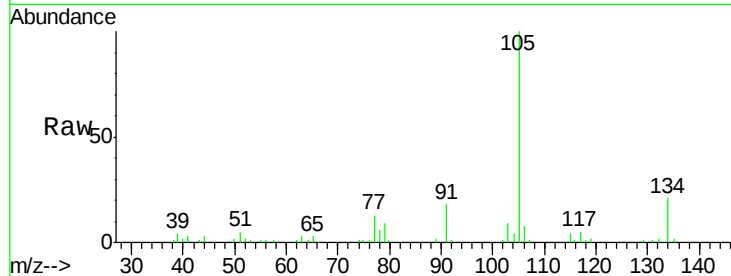




#85
 sec-Butylbenzene
 Concen: 0.928 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

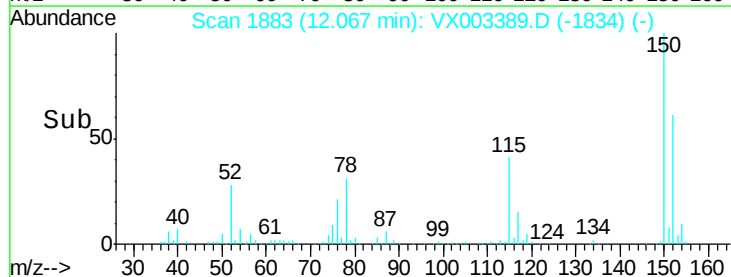
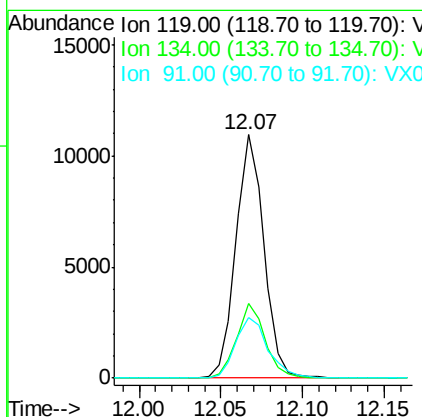
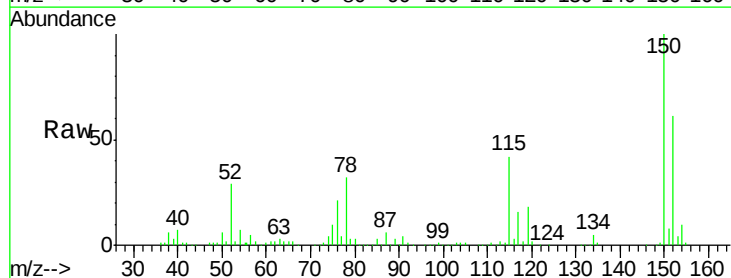
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

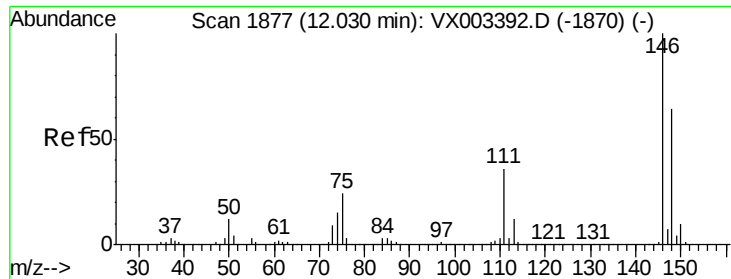
Tgt Ion:105 Resp: 15479
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.884 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion:119 Resp: 13125
 Ion Ratio Lower Upper
 119 100
 134 31.0 13.4 40.1
 91 28.9 11.9 35.7

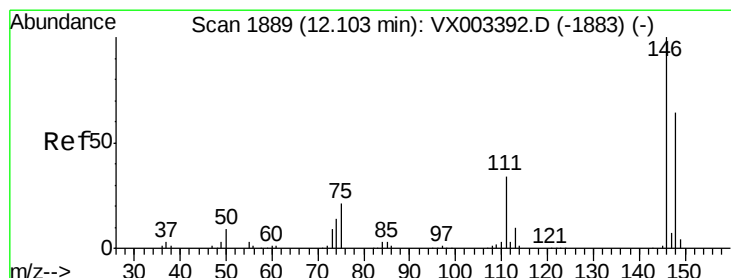
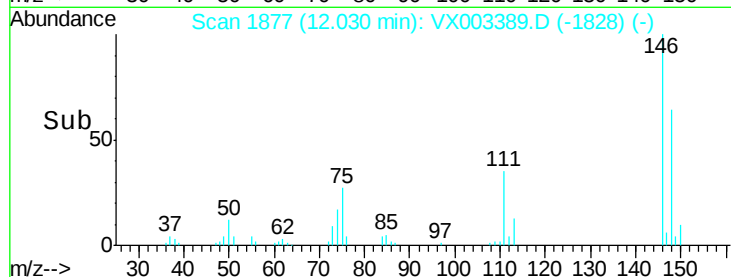
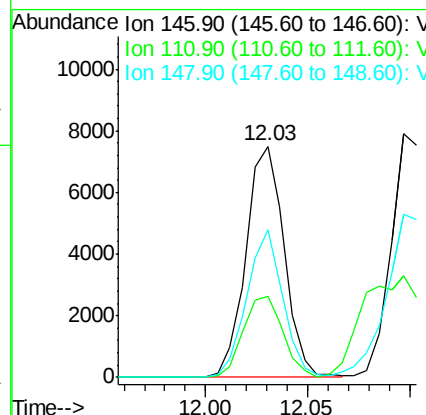
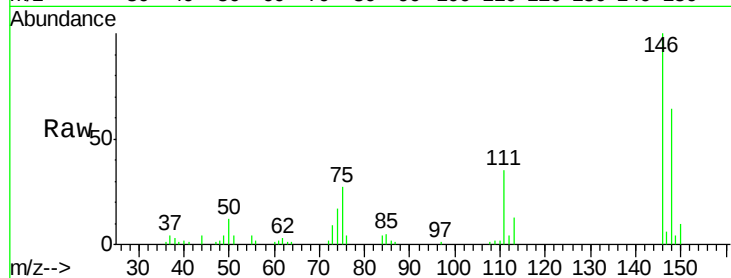




#87
 1,3-Dichlorobenzene
 Concen: 1.092 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

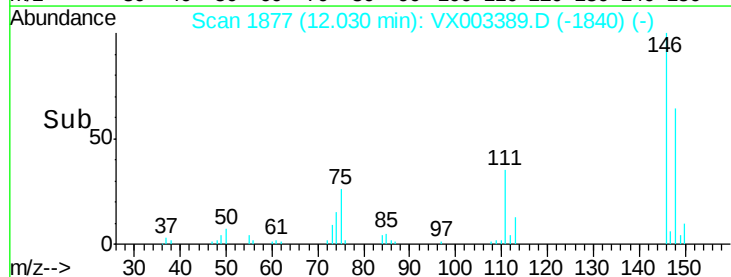
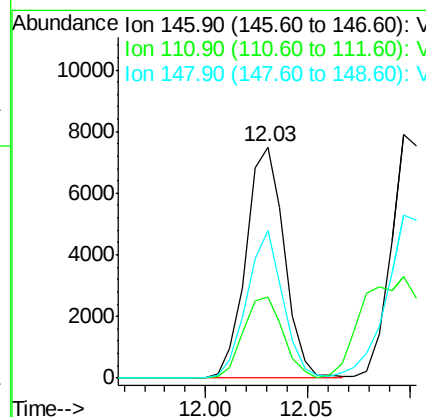
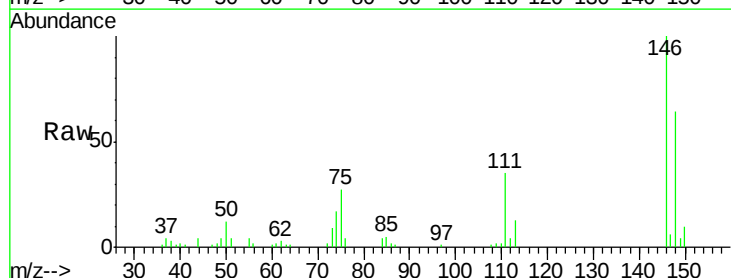
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

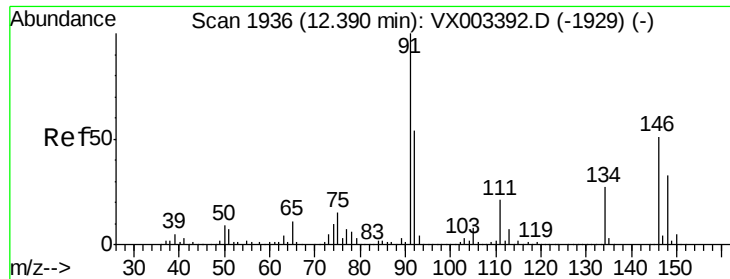
Tgt Ion:146 Resp: 9783
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.9 56.7
 148 60.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.076 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion:146 Resp: 9783
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 60.2 32.4 97.0

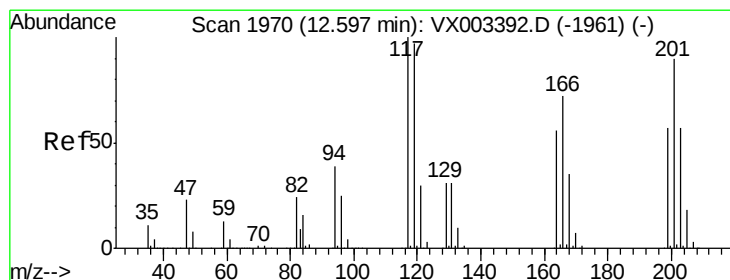
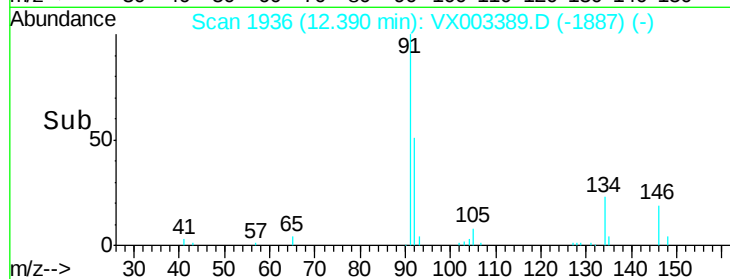
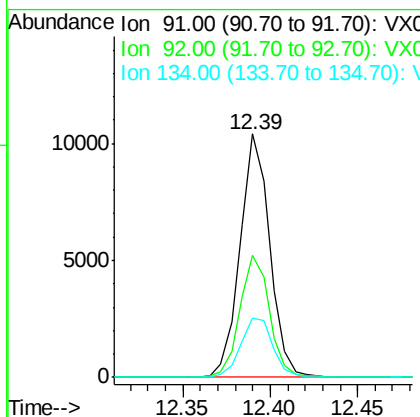
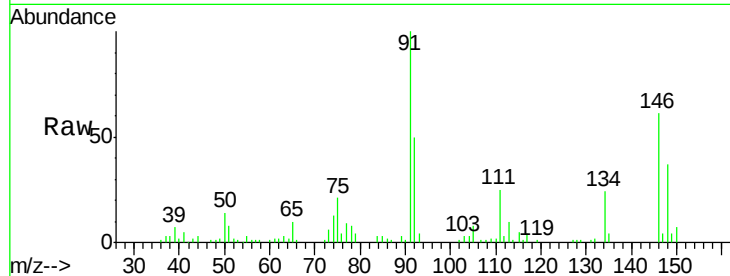




#89
n-Butylbenzene
Concen: 0.968 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

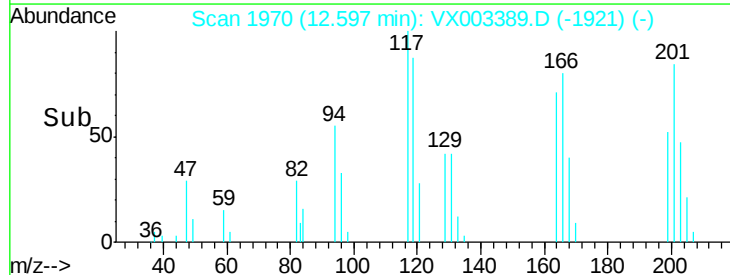
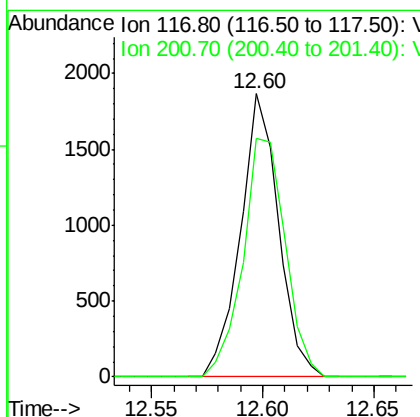
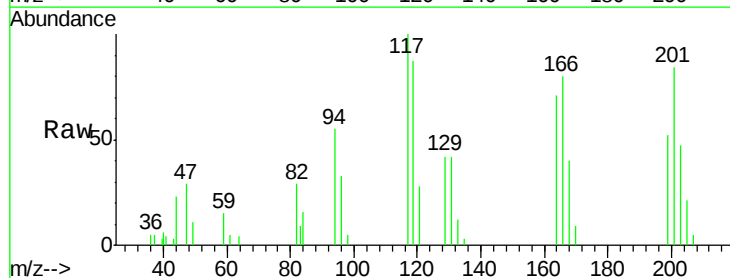
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

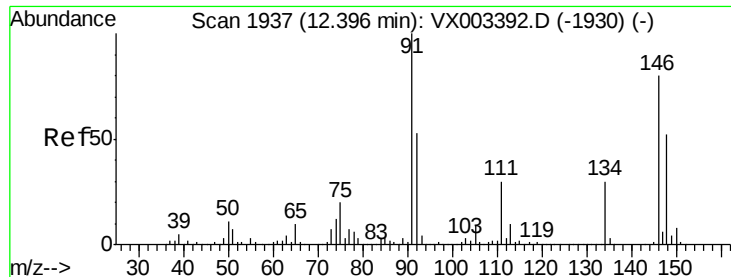
Tgt Ion: 91 Resp: 12247
Ion Ratio Lower Upper
91 100
92 50.5 26.0 78.0
134 26.1 13.5 40.5



#90
Hexachloroethane
Concen: 0.990 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003389.D
Acq: 16 Jul 2018 10:27

Tgt Ion: 117 Resp: 2228
Ion Ratio Lower Upper
117 100
201 93.5 49.0 147.0

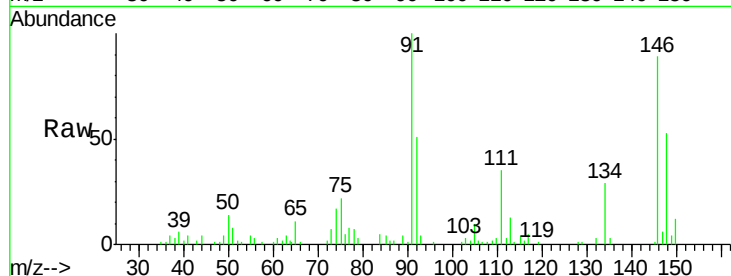




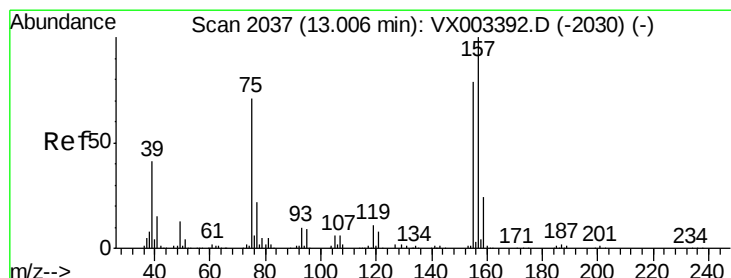
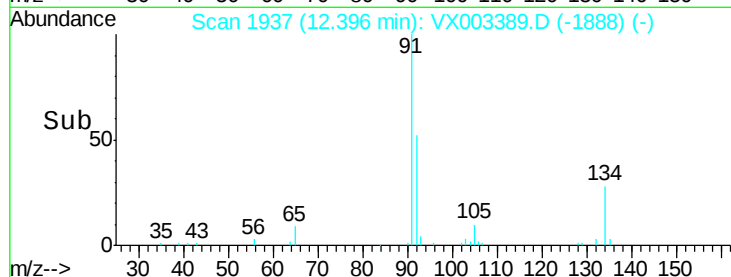
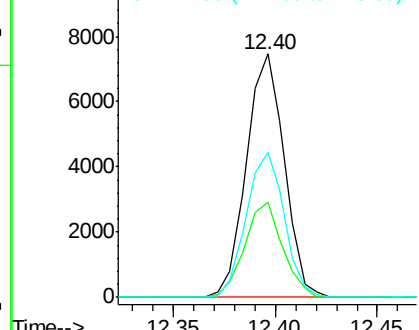
#91
 1,2-Dichlorobenzene
 Concen: 1.068 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 146 Resp: 9611
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.1
 148 59.8 31.7 95.1

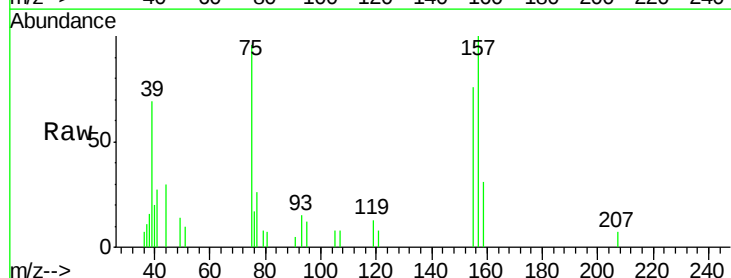


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

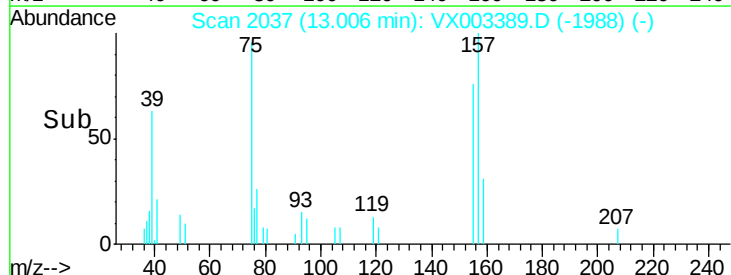
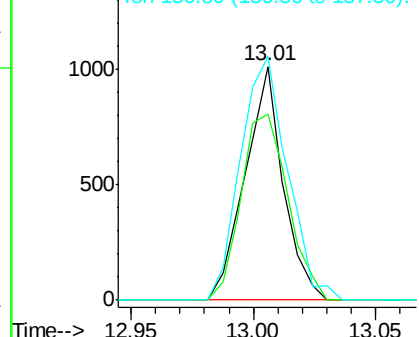


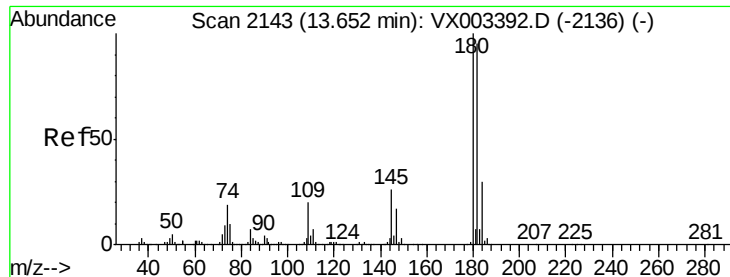
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.924 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion: 75 Resp: 1093
 Ion Ratio Lower Upper
 75 100
 155 97.9 45.8 137.4
 157 127.8 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

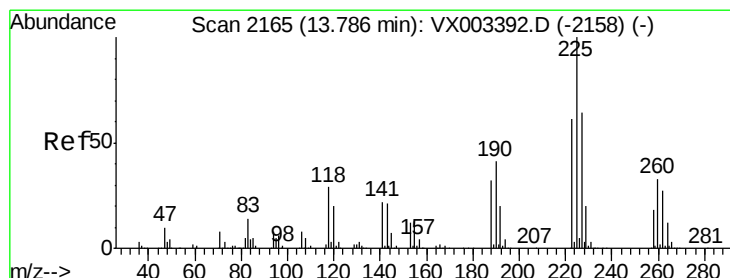
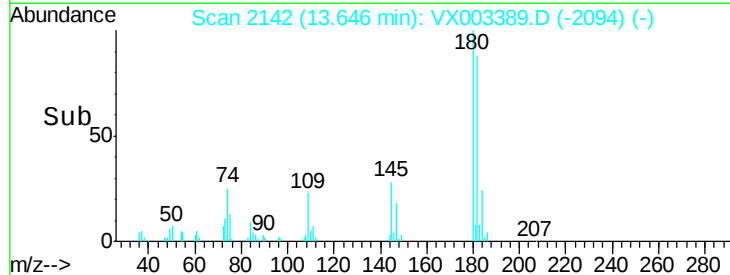
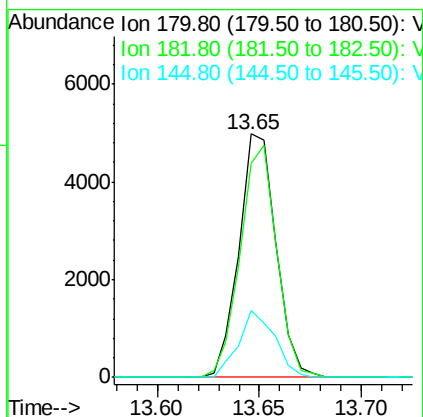
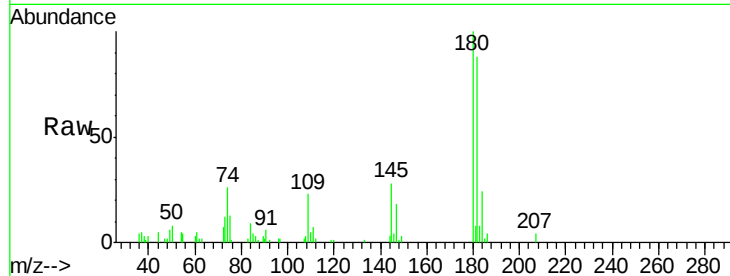




#93
 1,2,4-Trichlorobenzene
 Concen: 1.023 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

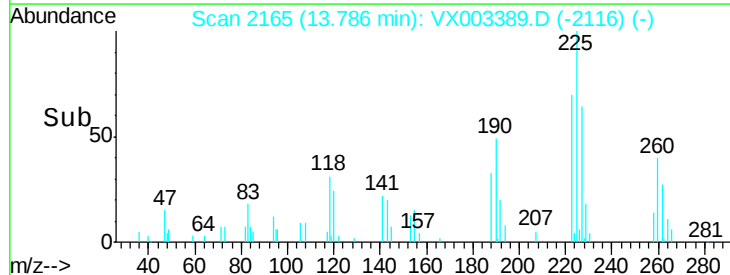
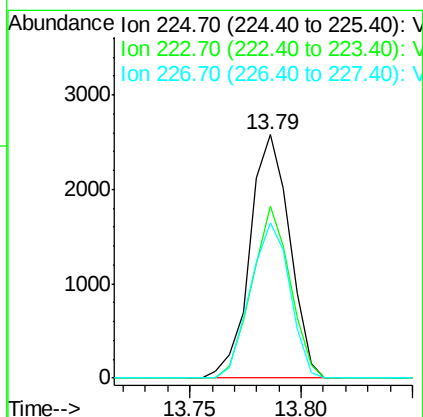
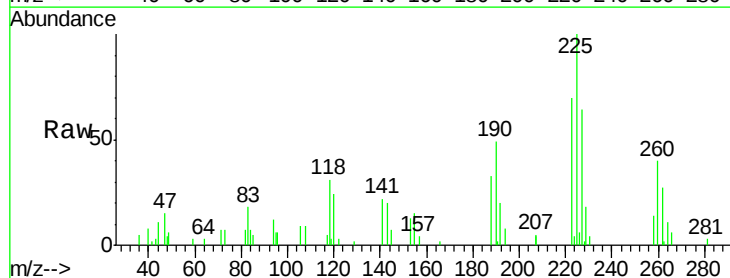
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

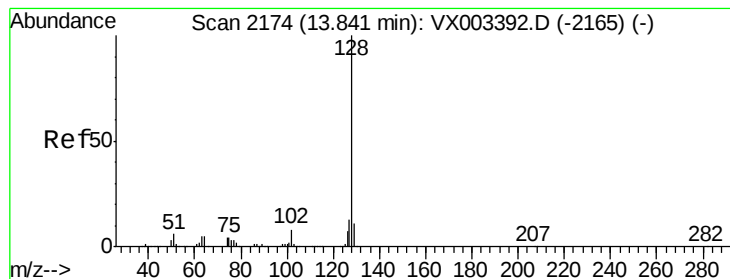
Tgt Ion:180 Resp: 6295
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.7 143.1
 145 26.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 1.085 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003389.D
 Acq: 16 Jul 2018 10:27

Tgt Ion:225 Resp: 3214
 Ion Ratio Lower Upper
 225 100
 223 67.9 31.6 95.0
 227 63.3 32.4 97.2





#95

Naphthalene

Concen: 0.851 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

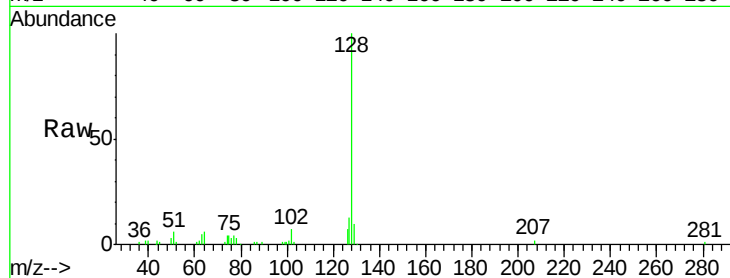
Tgt Ion:128 Resp: 15017

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

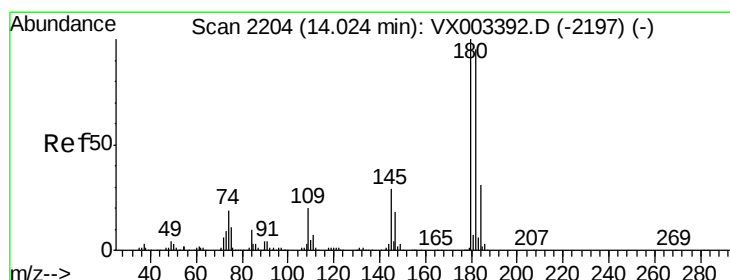
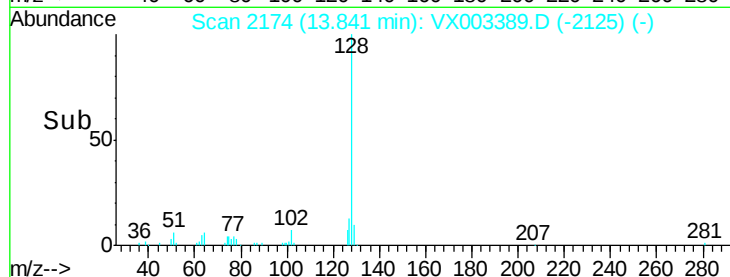
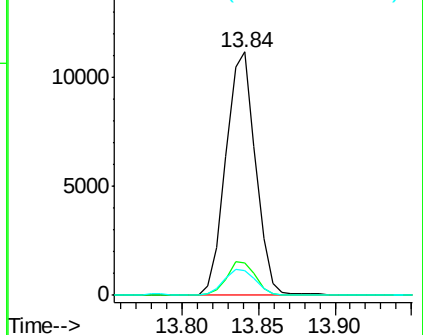
129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.992 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003389.D

Acq: 16 Jul 2018 10:27

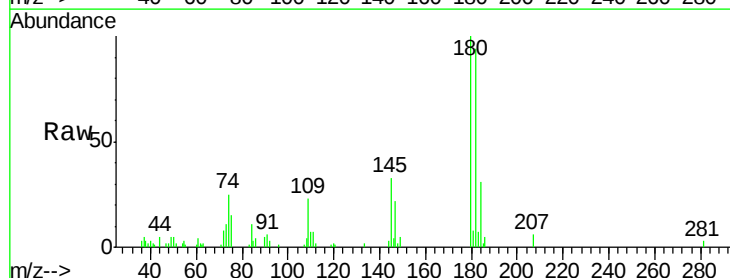
Tgt Ion:180 Resp: 6278

Ion Ratio Lower Upper

180 100

182 94.5 48.0 144.0

145 30.4 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

